STREAMLINED · FUNCTIONALLY DESIGNED · QUALITY TOOLS

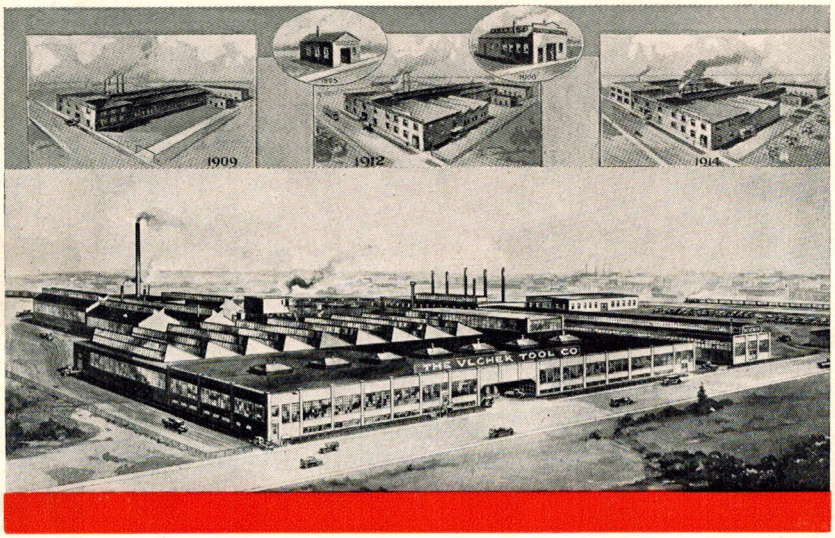
VLCHEK Tools

THE VLCHEK TOOL COMPANY
CLEVELAND 4, OHIO

CATALOG NO. A7

JULY, 1952

FOREWORD — MORE THAN FIFTY-FIVE YEARS OF TRAINED CRAFTSMANSHIP — Modern Methods and Equipment, Rigid Inspection Standards, and Constant Research — All Insure that VLCHEK Tools in the hands of the user will give SERVICE — ALL the Service that can be expected from any Fine Tool.



The now famous Vlchek Tool plant had a small beginning during the cradle days of the automobile. Growing in successive steps in line with automobile development, the Vlchek plant boasts over fifty-five years of trained tool craftsmanship. This long experience enters into the manufacture of every Vlchek Tool.

Since 1940 The Vlchek Tool Company has also operated its own plastic molding division in Middlefield, Ohio. Vlchek can mold plastics by injection and compression processes to your own custom requirements. Vlchek offers as stock merchandise rigid plastic containers in seven standard sizes with many different partition arrangements.

This catalogue edition illustrates our stock sizes in plastic containers on pages 37 and 38. They are sold over the counter from coast to coast and are fine promoters of impulse sales. Many manufacturers find their own products sell better when packaged in these attractive containers. We suggest that you check this addition to our regular tool catalogue and we solicit your inquiries on all of your plastics requirements.

The Vlchek brand guarantees that the great resources of the Vlchek plant stand back of each individual tool that you sell.

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Numerical Index

Catalog Number	Page	Std. Pkg.	Weight Each lbs.	oz.
END WRENCHES—CARBON STEEL				
21A	9	6		1½
21S	9	6		½
23	9	6		2
25	9	6		3½
27	9	6		4
28	9	6		5
29	9	6		5½
31	9	6		10
33A	9	6		13
33B	9	6		13
33C	9	6		13
34A	9	6		15
37	9	6	1	14
37A	9	6	1	14
39	9	6	3	
39A	9	6	3	
41	9	6	3	14
41A	9	6	3	14
TAPPET WRENCHES				
89	8	12		2
90	8	12		3
90A	8	12		3
92	8	12		3
93	8	12		4
93B	8	12		4
94	8	12		4
TIRE TOOLS				
126	22	Bulk		13
127	22	Bulk		13
128	22	Bulk	1	3
129	22	Bulk	1	3
END WRENCHES — CARBON STEEL				
721	9	6		1
723	9	6		2
723A	9	6		2
725	9	6		3
725A	9	6		3
725B	9	6		3
727	9	6		4
729	9	6		5½
731	9	6		10
731A	9	6		10
731B	9	6		10
733	9	6		13
735	9	6		15
737	9	6	1	14
TOOL SETS				
1980	36	Bulk	2	6
2087	10	Bulk	2	14
2109	36	Bulk	2	8
2110	36	Bulk	2	11
2111	36	Bulk	2	15
2531	8	Bulk		14
2821	13	Bulk	1	12
2823	13	Bulk	2	10
2831	12	Bulk		6
2863	13	Bulk		7½
TOOL SETS (Cont'd.)				
2866	13	Bulk	1	5½
2989	8	Bulk		14
3228	27	Bulk	2	9
3247	12	1	2	13
3248	12	1	4	14
3249	13	Bulk	4	11
3250	27	Bulk	3	15
3251	27	Bulk	4	4
3252	27	Bulk	1	9
3255	27	Bulk	1	4
3256	27	Bulk		14
3260	26	1	16	7
3337	21	Bulk	1	9
4050	34	1	9	7
4051	35	1	6	9
4056	35	1	14	7
4060	34	1	9	7
4061	35	1	6	9
4065	36	1	3	4
4066	36	1	2	10
4075	36	1	3	4
4076	36	1	2	10
END WRENCHES — CARBON STEEL				
5021A	10	12		1
5027	10	12		3
5033C	10	12		9
5075B	9	12		3½
5077B	9	12		5
5079	9	12		8
5081B	9	12		12
5083B	9	12	1	2
5723	10	12		1½
5725B	10	12		2½
5729	10	12		4
5731B	10	12		6½
6021A	10	12		1
6027	10	12		3
6033C	10	12		9
6075B	9	12		3½
6077B	9	12		5
6079	9	12		8
6081B	9	12		12
6083B	9	12	1	2
6723	10	12		1½
6725B	10	12		2½
6729	10	12		4
6731B	10	12		6½
7021A	11	12		1½
7723	11	12		1½
7725B	11	12		2½
7027	11	12		3
7729	11	12		4¼
7731B	11	12		6½
7033C	11	12		8
7035B	11	12		13
ASSORTMENTS				
AKH53	22	1	1	4
AWM205	7	1	1	12
AWM206	7	1	1	13
AWM209	7	1	3	7
AWM210	7	1	5	
AWT206	8	1	1	6
DISPLAY BOARDS				
B10	30	Bulk	18	13
B11	31	Bulk	17	10
B12	30	Bulk	19	14
B13	31	Bulk	19	3
B14	31	Bulk	21	11
B15	32	Bulk	17	13
B16	32	Bulk	26	5
B50	33	Bulk	7	8
B51	33	Bulk	6	14
B52	33	Bulk	5	5
B53	33	Bulk	8	
HAMMERS				
HB504	19	6		8
HB508	19	6		11
HB512	19	6	1	3
HB516	19	6	1	7
HB524	19	6	1	14
HB532	19	6	2	6
HB540	19	6	3	3
HB548	19	6	3	11
HL12	18	6		12
HL20	18	4	1	8
HL24	18	4	1	12
HM8	18	6		9
HM16	18	6	1	
HM24	18	6	1	4
BEARING SCRAPERS				
KH510	22	6		5½
KH511	22	6		6
KH513	22	6		7
END WRENCHES — CARBON STEEL				
N21A	11	12		1½
N723	11	12		1½
N725B	11	12		3
N727	11	12		3½
N27	11	12		3½
N729	11	12		5
N731B	11	12		8
N33C	11	12		11

Numerical Index—Continued

Catalog Number	Page	Std. Pkg.	Weight Each lbs.	oz.
PLIERS AND PLIER GRIPS				
P300	29	12 pr.	1	1½
P301	29	12 pr.	1	
PA208	29	6	8	
PFH309	29	6	10	
PR206	29	12	6	
PR208	29	12	9	
PR306	29	6	6	
PR308	29	6	9	
PR906	29	12	6	
PR908	29	12	9	
SCREW DRIVERS				
SC102	21	12	1	
SC104	21	12	1	1½
SC106	21	12	2	
SD101	20	12	2	
SD103	20	12	3	
SD104	20	12	4	
SD106	20	12	5	
SD108	20	12	7	
SDC102	20	12	2	
SDC104	20	12	2	
SDC106	20	12	2	
SH103	21	12	3	
SH104	21	12	5	
SH105	21	12	7	
SL202	21	12	2	
SL204	21	12	3	
SL206	21	12	4	
SL208	21	12	6	
SPD1	20	12	2	
SPD1S	20	12	1	
SPD2	20	12	4	
SPD2S	20	12	2	
SPD3	20	12	5	
SPD4	20	12	7	
SPR1	20	12	2	
SPR2	20	12	3	1½
SPR3	20	12	5	
SPR4	20	12	8	
SR303	20	12	2	
SR306	20	12	2	1½
SR404	20	12	3	
SR506	20	12	5	
SR608	20	12	7	
SRM201	20	12	1	
SS301	21	12	2	
SS303	21	12	3	
SS304	21	12	4	
SS306	21	12	5	
SS308	21	12	7	
SU203	20	12	1	
SU206	20	12	1	1½
SU304	20	12	2	
SU308	20	12	3	
SU401	20	12	2	
SU404	20	12	3	
SU406	20	12	4	
SU506	20	12	6	
SU508	20	12	7	
SU608	20	12	9	
SU612	20	12	12	
END WRENCHES — ALLOY				
W0608	7	12		½
W0810	7	12	1	
W1012	7	12	1	
W1214	7	12	1	1½
W1416	7	12	2	
END WRENCHES — ALLOY (Cont'd.)				
W1618	7	12		3
W1820	7	12		4
W1922	7	12		5
W2024	7	12		6
W2225	7	12		7
W2426	7	12		8
W2428	7	12		10
W2526	7	12		9
W2830	7	12		10
W3032	7	12		15
W3034	7	12		15
W3236	7	12	1	3
W3436	7	12	1	3
W3440	7	12	1	3
W3642	7	12	1	3
W4042	7	12	1	3
AUTO WRENCHES				
WA609	17	6		13
WA611	17	6	1	8
WA615	17	6	3	3
WA618	17	6	6	
WA909	17	Bulk		13
WA911	17	Bulk	1	8
WA915	17	Bulk	3	3
WA918	17	Bulk	6	
BOX WRENCHES				
WBA1214	13	12		2
WBA1618	13	12		3½
WBA2022	13	12		5½
WBA2425	13	12		7
WBA2628	13	12		11
WBA3032	13	12		15
WBC1012	12	12		1½
WBC1214	12	12		1½
WBC1618	12	12		2
WBC2022	12	12		3
WBE12	13	12		2
WBE14	13	12		2½
WBE16	13	12		3
WBE18	13	12		3
WBE20	13	12		4
WBE22	13	12		6½
WBE24	13	12		7
WBE26	13	12		8
WBE28	13	12		8½
WBE30	13	12		10
WBE32	13	12		12
WBH1214	12	12		3
WBH1416	12	12		3½
WBH1618	12	12		4
WBH1820	12	12		5
WBH1922	12	12		5½
WBH2022	12	12		5½
WBH2024	12	12		6½
WBH2428	12	12		8½
WBH2526	12	12		8½
WBH2628	12	12		9
WBH3032	12	12		12½
WBH3436	12	12	1	
WBH4042	12	12	1	7
WBH4648	12	6	2	9
X12	16	12		2
X14	16	12		2½
X16	16	12		3
X18	16	12		3
X20	16	12		4
X22	16	12		6½
X24	16	12		7
AUTO WRENCHES				
X40	17	Bulk		13
X41	17	Bulk	1	8
X42	17	Bulk	3	3
MISCELLANEOUS				
X50	19	Bulk		13
X51	19	Bulk	1	
X52	19	Bulk	1	3
X53	19	Bulk	1	13
X55	19	Bulk		13
X56	19	Bulk	1	
X57	19	Bulk	1	3
X58	19	Bulk	1	13
X85	29	12		9
X110	17	12		4
X111	17	12		5
X112	17	12		4
X113	17	12		5
X130	22	12		2
X131	17	12		6½
X132	17	12		8½
X133	17	12		9
X134	17	12		6½
X135	17	12		8½
X136	17	12		9
X140	22	12		2
X141	22	12		2
X142	22	12		4
X143	22	12		5
X162	19	Bulk		14
X163	19	Bulk	1	
X164	19	Bulk	1	4
X165	19	Bulk	1	14
X166	19	Bulk	2	6
X196	19	Bulk		7
X197	19	Bulk		11
X200	17	Bulk	2	3
X202	17	Bulk	2	3
X207	17	Bulk	2	10
X208	17	Bulk	2	10
X214	17	Bulk	2	10
X215	17	Bulk	3	3
X216	17	Bulk	3	3
X217	17	Bulk	3	3
X225	29	12		8
X260	19	Bulk		7
X261	19	Bulk		11
X262	19	Bulk		14
X263	19	Bulk	1	
X264	19	Bulk	1	4
X265	19	Bulk	1	14
X266	19	Bulk	2	6
X275	29	12		9
X302	22	Bulk		12
BOX WRENCHES				
X530	14	12		3
X531	14	12		4½
X532	14	12		7
X533	14	12		8
X534	14	12		12
X535	14	12	1	
X536	14	12	1	8
X540	14	12		3
X541	14	12		4½
X542	14	12		7
X543	14	12		8
X544	14	12		12
X545	14	12	1	

Numerical Index—Continued

Catalog Number	Page	Std. Pkg.	Weight Each lbs.	oz.
BOX WRENCHES (Cont'd.)				
X546	14	12	1	8
X560	15	12		1
X561	15	12		2
X562	15	12		2½
X563	15	12		4
X570	15	12		1
X571	15	12		2
X572	15	12		2½
X573	15	12		4
CHISELS — CARBON STEEL				
X715	23	12		1
X716	23	12		3
X717	23	12		6
X718	23	12		9
X719	23	12		14
X720	23	12		1
X721	23	12		3
X722	23	12		6
X723	23	12		10
X730	24	12		1
X731	24	12		3½
X732	24	12		6
X733	24	12		9
X747	23	12		1
X749	23	12		1
X750	23	12		3
X751	23	12		7
X752	23	12		10
X753	23	12		14
PUNCHES — CARBON STEEL				
X760	25	12		3
X761	25	12		5
X770	25	12		3
X771	25	12		5
X772	24	12		3
X773	24	12		3
X774	24	12		3
X775	24	12		5
X776	24	12		5
X777	24	12		5
X778	24	12		5
X779	24	12		3
X780	25	12		2
X781	25	12		2
X782	25	12		3
X783	25	12		3
X784	25	12		5
X785	24	12		5
X786	24	12		6
X790	25	12		4
X791	25	12		7
X792	25	12		14
CHISELS — CARBON STEEL				
X815	23	12		1
X816	23	12		3
X817	23	12		6
X818	23	12		9
X819	23	12		14
X820	23	12		1
X821	23	12		3
X822	23	12		6
X823	23	12		10
X830	24	12		1
X831	24	12		3½

Catalog Number	Page	Std. Pkg.	Weight Each lbs.	oz.
CHISELS — CARBON STEEL (Continued)				
X832	24	12		6
X833	24	12		9
X847	23	12		1
X849	23	12		1
X850	23	12		3
X851	23	12		7
X852	23	12		10
X853	23	12		14
X854	23	12	1	5
PUNCHES — CARBON STEEL				
X859	25	12		1
X860	25	12		3
X861	25	12		5
X870	25	12		3
X871	25	12		5
X872	24	12		3
X873	24	12		3
X874	24	12		3
X875	24	12		5
X876	24	12		5
X877	24	12		5
X878	24	12		5
X879	24	12		3
X880	25	12		2
X881	25	12		2
X882	25	12		3
X883	25	12		3
X884	25	12		5
X885	24	12		5
X886	24	12		6
X887	24	12		1
X888	25	12		8
X889	25	12		9
X890	25	12		4
X891	25	12		7
X892	25	12		14
X950	28	12		4
X951	28	12		6
X952	28	12		10
X960	28	12		3
X970	28	12		3
X972	28	12		2
X973	28	12		3
X974	28	12		3
X977	28	12		6
X982	28	12		3
X984	28	12		5
X991	28	12		7
X992	28	12		14
WRENCH SETS				
X2160	10	Bulk	1	10
X2163	10	Bulk		12
X2166	10	Bulk	1	2
X2509	10	Bulk	1	2½
X2557	8	Bulk		14
X2564	10	Bulk		12
X2567	10	Bulk	1	2
X2570	10	Bulk	2	14
X2571	10	Bulk	1	10
X2572	10	Bulk	1	2½
X2990	8	Bulk		14
X3290	28	Bulk	1	5
X3291	11	Bulk	2	
X3292	11	Bulk	1	7
X3293	11	Bulk		15
X3294	16	Bulk	1	8
X3295	16	Bulk	1	3
X3296	16	Bulk	2	6

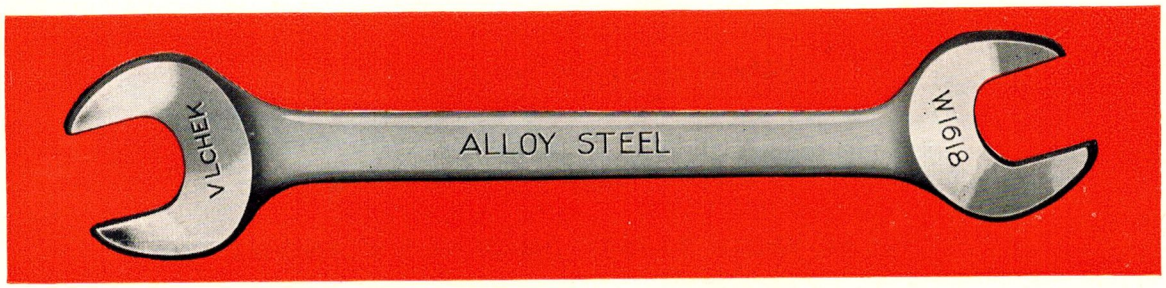
Catalog Number	Page	Std. Pkg.	Weight Each lbs.	oz
WRENCH SETS (Cont'd.)				
X3297	16	Bulk	1	11
X3340	11	Bulk	1	10
X3341	11	Bulk	1	3
X3342	11	Bulk		12
X3343	16	Bulk	1	8
X3344	16	Bulk	1	3
X3345	16	Bulk		14
X3346	11	Bulk	2	7
X3347	11	Bulk	2	7
X3348	11	Bulk	2	4
X3349	11	Bulk	2	4
BOX WRENCH SETS				
X3350	14	Bulk	4	10
X3351	14	Bulk	4	7
X4000	14	Bulk		14
X4001	14	Bulk	1	3
X4002	14	Bulk	2	1
X4003	14	Bulk	3	
X4004	14	Bulk		14
X4005	14	Bulk	1	3
X4006	14	Bulk	2	
X4007	14	Bulk	3	
X4008	15	Bulk		5
X4009	15	Bulk		7
X4013	15	Bulk		5
X4014	15	Bulk		7
MISCELLANEOUS				
X4020	27	Bulk	1	4
X4021	27	Bulk		14
X4022	27	Bulk	1	4
X4023	27	Bulk		14
XB1214	16	12		3
XB1416	16	12		3½
XB1618	16	12		4½
XB1820	16	12		5
XB1922	16	12		5½
XB2024	16	12		6½
XB2628	16	12		9
XB3032	16	12		12½
XU89	8	12		2
XU90	8	12		3
XU90-A	8	12		3
XU92	8	12		3
XU93	8	12		4
XU93-B	8	12		4
XU94	8	12		4
BOXES — PLASTIC				
P01	38	72		1
P200	38	24		8
P201	38	24		7
P202	38	24		7
P203	38	24		7
P206	38	24		6
P210	38	36		5
P212	38	36		5
P216	38	36		4
P220	38	36		4
P221	38	36		4
P226	38	36		3
P250	38	36		3½
P601	37	10	1	
P612	37	10	1	1
P613	37	10	1	1
P618	37	10	1	1
P701	38	36		3

WRENCH OPENINGS for AMERICAN STANDARD BOLTS—NUTS and CAP SCREWS

Nominal Wrench Openings	Machine Screw and Stove Bolt Nuts	Reg. Nuts and Jam Nuts Unfin. and Semi-fin.	Regular Hex. Nuts Slotted Semi-fin.	Light Castle Light Slotted Old SAE	Light Reg. and Jam Nuts Semi-fin.	Hexagon Head Cap Screws	Mach. Bolts Sq. & Hex. Unfin. and Semi-fin.	Heavy Nuts Heavy Jam Nuts Unfin. & Semi-fin. Old USS	Heavy Nuts Hexagon Slotted Semi-fin.	Set Screw Heads	Heavy Bolt Heads Unfin. and Semi-fin.	Nominal Wrench Openings
1/4	#4									1/4		1/4
5/16	#5&6									5/16		5/16
11/32	#8											11/32
3/8	#10						1/4			3/8		3/8
13/32												13/32
7/16	#12&1/4	1/4	1/4	1/4	1/4	1/4				7/16		7/16
1/2				5/16	5/16	5/16	5/16	1/4	1/4	1/2		1/2
9/16	5/16	5/16	5/16	3/8	3/8	3/8	3/8			9/16		9/16
19/32								5/16	5/16			19/32
5/8	3/8	3/8	3/8	7/16	7/16	7/16	7/16			5/8		5/8
11/16								3/8	3/8			11/16
3/4		7/16	7/16	1/2	1/2	1/2	1/2			3/4		3/4
25/32								7/16	7/16			25/32
13/16		1/2	1/2			9/16						13/16
7/8		9/16	9/16	9/16	9/16	5/8	9/16	1/2	1/2	7/8	1/2	7/8
15/16				5/8	5/8		5/8	9/16	9/16		9/16	15/16
31/32												31/32
1		5/8	5/8			3/4				1		1
1 1/16				3/4	3/4			5/8	5/8		5/8	1 1/16
1 1/8		3/4	3/4			7/8	3/4			1 1/8		1 1/8
1 1/4				7/8	7/8			3/4	3/4	1 1/4	3/4	1 1/4
1 5/16		7/8	7/8			1	7/8					1 5/16
1 3/8										1 3/8		1 3/8
1 7/16				1	1			7/8	7/8		7/8	1 7/16
1 1/2		1	1			1 1/8	1			1 1/2		1 1/2
1 5/8				1 1/8	1 1/8			1	1		1	1 5/8
1 11/16		1 1/8	1 1/8			1 1/4	1 1/8					1 11/16
1 13/16				1 1/4	1 1/4			1 1/8	1 1/8		1 1/8	1 13/16
1 7/8		1 1/4	1 1/4									1 7/8

WRENCH OPENINGS for COPPER—BRASS and STEEL TUBE FITTINGS

Nominal Wrench Openings	S.A.E. Flared Tube Fittings			Inverted Flared Tube Fittings			Refrigeration Fittings R.V.F.A.		Compression Fittings		GMC Ref. and Marine Fittings	Nominal Wrench Openings
	Nut Tube OD	Connectors and Unions Tube OD	Internal Connectors Tube OD	Nuts Tube OD	Connectors Tube OD	Unions Tube OD	Flared Nut Tube OD	Connectors and Unions Tube OD	Nuts Tube OD	Couplings Connectors Tube OD	Connectors and Unions Tube OD	
1/4												1/4
5/16				1/8						1/8		5/16
11/32												11/32
3/8	1/8			3/16		1/8			1/8	3/16		3/8
13/32					1/8							13/32
7/16	3/16	1/8 3/16 1/4		1/4	3/16	3/16			3/16	1/4	3/16	7/16
1/2		5/16		5/16	1/4	1/4		3/16	1/4	5/16		1/2
9/16	1/4		1/8 3/16 1/4		5/16	5/16		1/4	5/16	3/8	1/4	9/16
19/32												19/32
5/8	5/16	3/8		3/8				5/16	3/8	7/16	5/16	5/8
11/16		7/16		7/16					7/16	1/2		11/16
23/32					3/8	3/8						23/32
3/4	3/8	1/2	3/8 7/16	1/2			3/16 1/4 5/16	3/8			3/8	3/4
25/32					7/16	7/16						25/32
13/16	7/16							7/16	1/2	5/8	7/16	13/16
7/8	1/2	5/8	1/2	5/8	1/2	1/2	3/8	1/2			1/2	7/8
15/16									5/8			15/16
31/32												31/32
1					5/8	5/8	7/16 1/2	5/8		3/4		1
1 1/16	5/8	3/4	5/8 3/4									1 1/16
1 1/8							5/8		3/4			1 1/8
1 3/16								3/4			3/4	1 3/16
1 1/4	3/4	7/8	7/8									1 1/4
1 5/16							3/4					1 5/16
1 3/8		1										1 3/8
1 7/16												1 7/16
1 1/2	7/8		1									1 1/2
1 5/8	1											1 5/8



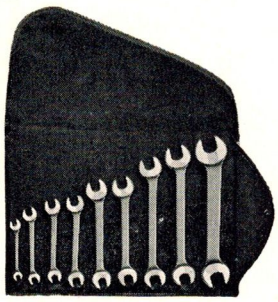
The Mechanic's Double End Wrench

Narrow Streamline Jaws—Hard but TOUGH Alloy Steel

Chrome Plated Finish—Bright Heads Accurately Milled

Designed for discriminating mechanics — Maximum strength with minimum bulk and weight. Long narrow bar. Overall head dimensions are small as compared with openings — allowing operation in close quarters.

Catalog Numbers	Size of Openings	Extreme Length	Thickness of Head	Overall Head Size	Standard Package	Weight Ea. Lbs. Oz.
W0608	3/16 — 1/4	3 7/16	7/64	7/16 — 15/32	12	1/2
W0810	1/4 — 5/16	3 3/4	9/64	17/32 — 21/32	12	1
W1012	5/16 — 3/8	4 5/16	5/32	21/32 — 25/32	12	1
W1214	3/8 — 7/16	4 3/4	3/16	25/32 — 29/32	12	1 1/2
W1416	7/16 — 1/2	5 1/2	15/64	29/32 — 1 1/32	12	2
W1618	1/2 — 9/16	6	1/4	1 1/32 — 1 3/16	12	3
W1820	9/16 — 5/8	6 1/2	9/32	1 5/32 — 1 9/32	12	4
W1922	19/32 — 11/16	7	5/16	1 9/32 — 1 7/16	12	5
W2024	5/8 — 3/4	7 3/4	5/16	1 13/32 — 1 17/32	12	6
W2225	11/16 — 25/32	7 3/4	5/16	1 13/32 — 1 17/32	12	7
W2426	3/4 — 13/16	8 7/16	11/32	1 1/2 — 1 9/16	12	8
W2526	25/32 — 13/16	9 1/4	3/8	1 9/16 — 1 5/8	12	9
W2428	3/4 — 7/8	10	3/8	1 11/16 — 1 7/8	12	10
W2830	7/8 — 15/16	10	3/8	1 11/16 — 1 7/8	12	10
W3032	15/16 — 1	10 3/4	7/16	1 13/16 — 2 1/8	12	15
W3034	15/16 — 1 1/16	10 3/4	7/16	1 13/16 — 2 1/8	12	15
W3236	1 — 1 1/8	12	1/2	2 3/32 — 2 11/32	12	1 3
W3436	1 1/16 — 1 1/8	12	1/2	2 3/32 — 2 11/32	12	1 3
W3440	1 1/16 — 1 1/4	12	1/2	2 3/32 — 2 11/32	12	1 3
W3642	1 1/8 — 1 5/16	12	1/2	2 3/32 — 2 11/32	12	1 3
W4042	1 1/4 — 1 5/16	12	1/2	2 3/32 — 2 11/32	12	1 3



MECHANIC'S OPEN END WRENCH SETS

The most popular combinations furnished in leatherette cases.

Catalog Number	Pieces in Set	Wrench Numbers in Set		Weight Ea. Lbs. Oz.
AWM205	5	W1416, W1820, W1922, W2526, W2428	1	1 12
AWM206	6	W1012, W1416, W1618, W1820, W2024, W2428	1	1 13
AWM209	9	W1012, W1416, W1618, W1820, W1922, W2024, W2526, W2428, W3032	1	3 7
AWM210	10	W0608, W1012, W1416, W1820, W1922, W2024, W2526, W3032, W3436, W4042	1	5

VLCHEK QUALITY TAPPET WRENCHES

CHROME MOLY TAPPET CHECK NUT WRENCHES

Thin long check nut wrenches designed originally for tappet adjustment — now used wherever thinner jaws or extra leverage is required. Finest alloy steel wrenches, correctly designed. Made in two finishes — Chrome plated with heads polished and buffed and a cheaper finish, equally serviceable,— Velco Finish.

Wrench Number	Finish	Openings Milled Inches	Extreme Length Inches	Thickness of Head Inches	Standard Package	Weight Each lbs. oz.
89	Chrome Plated, Bright Heads....	3/8—7/16	8 1/8	5/32	12	2
90	Chrome Plated, Bright Heads....	7/16—1/2	8 1/8	5/32	12	3
90-A	Chrome Plated, Bright Heads....	7/16—17/32	8 1/8	5/32	12	3
92	Chrome Plated, Bright Heads....	1/2—9/16	8 1/8	3/16	12	3
93-B	Chrome Plated, Bright Heads....	9/16—5/8	8 1/8	13/64	12	4
93	Chrome Plated, Bright Heads....	5/8—11/16	8 1/8	13/64	12	4
94	Chrome Plated, Bright Heads....	3/4—7/8	8 1/4	13/64	12	4
XU89	Velco Finish.....	3/8—7/16	8 1/8	5/32	12	2
XU90	Velco Finish.....	7/16—1/2	8 1/8	5/32	12	3
XU90-A	Velco Finish.....	7/16—17/32	8 1/8	5/32	12	3
XU92	Velco Finish.....	1/2—9/16	8 1/8	3/16	12	3
XU93-B	Velco Finish.....	9/16—5/8	8 1/8	13/64	12	4
XU93	Velco Finish.....	5/8—11/16	8 1/8	13/64	12	4
XU94	Velco Finish.....	3/4—7/8	8 1/4	13/64	12	4

FOUR PIECE TAPPET AND CHECK NUT WRENCH SET

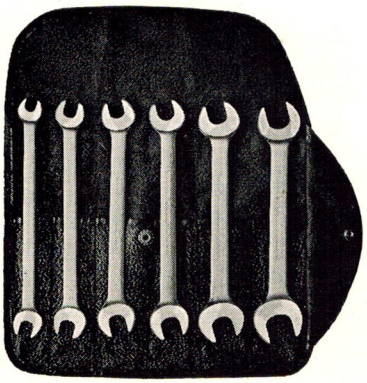
In metal band container

Most popular tappet wrench set on the market. Contains the most necessary wrenches—sufficient to adjust tappets on most cars. The set consists of two No. 92 and two No. 93 wrenches.

No. 2531—Tappet Wrench Set. Chrome Plated, Bright Heads.....	Bulk	14
No. X2557—Tappet Wrench Set. Velco Finish.....	Bulk	14

New Utility Four Piece Check Nut Set contains one each—89, 92, 93 and 94 Tappet Wrenches. The most popular sizes with no duplications.

No. 2989—Check Nut Wrench Set—Chrome Plated, Bright Heads.....	Bulk	14
No. X2990—Check Nut Wrench Set—Velco Finish.....	Bulk	14



SIX PIECE TAPPET AND CHECK NUT WRENCH SET

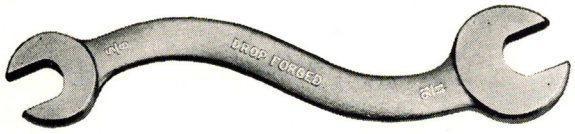
The most useful assortment of Tappet Wrenches on the market. Consists of one each—89, 90, 92, 93B, 93, & 94 wrenches in high grade leatherette roll.

AWT206 6 Piece Set.....	1	1 6

VLCHEK PARABOLIC ENGINEERS' WRENCHES

Drop Forged—Carbon Steel
15° Angle-Parabolic Heads
Japanned—Polished Heads

Wrench Number	Size of Openings Inches	Extreme Length Inches	Thickness of Heads Inches	Standard Package	Weight Each lbs.	Weight Each oz.
21-S	1/4— 5/16	3	9/64	6		1/2
721	5/16— 3/8	3 5/8	3/16	6		1
21-A	5/16— 11/32	3 5/8	3/16	6		1 1/2
723	3/8— 7/16	4 1/8	1/4	6		2
723-A	3/8— 1/2	4 3/16	1/4	6		2
23	13/32— 1/2	4 3/16	1/4	6		2
725	7/16— 1/2	5 1/8	9/32	6		3
725-A	7/16— 9/16	5 1/8	9/32	6		3
725-B	1/2— 9/16	5 1/8	9/32	6		3
25	1/2— 19/32	5 1/8	9/32	6		3 1/2
727	9/16— 5/8	6 1/8	5/16	6		4
27	19/32— 11/16	6 1/8	5/16	6		4
28	19/32— 25/32	7 1/8	11/32	6		5
729	5/8— 3/4	7 1/8	11/32	6		5 1/2
29	11/16— 25/32	7 1/8	11/32	6		5 1/2
731	3/4— 13/16	8	13/32	6		10
731-A	3/4— 7/8	8	13/32	6		10
31	25/32— 7/8	8	13/32	6		10
731-B	13/16— 7/8	8	13/32	6		10
33-B	13/16— 15/16	9	7/16	6		13
33-A	7/8— 15/16	9	7/16	6		13
733	7/8—1	9	7/16	6		13
33-C	15/16—1	9	7/16	6		13
34-A	15/16—1 1/16	10	1/2	6		15
735	1 —1 1/8	10	1/2	6		15
37	1 1/16—1 1/4	12	9/16	6	1	14
737	1 1/8—1 1/4	12	9/16	6	1	14
37-A	1 1/8—1 5/16	12	9/16	6	1	14
39	1 1/4—1 7/16	13 1/2	11/16	6	3	
39-A	1 5/16—1 1/2	13 1/2	11/16	6	3	
41	1 7/16—1 5/8	15 1/2	3/4	6	3	14
41-A	1 1/2—1 5/8	15 1/2	3/4	6	3	14



22½° Angle S Type Drop

Forged — Tempered

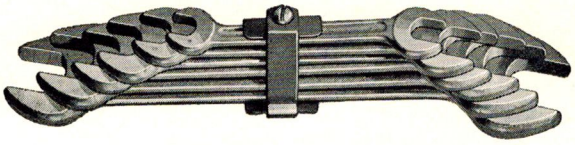
Wrench Number	Finish	Size of Openings Inches	Extreme Length Inches	Thickness of Heads Inches	Standard Package	Weight Each lbs.	Weight Each oz.
5075B	Velco	3/8— 7/16	6 1/4	1/4	12		3 1/2
5077B	Velco	1/2— 9/16	7 1/8	9/32	12		5
5079	Velco	5/8— 11/16	8 1/4	5/16	12		8
5081B	Velco	3/4— 13/16	9 1/4	3/8	12		12
5083B	Velco	7/8—1	10 3/8	7/16	12	1	2
6075B	Natural	3/8— 7/16	6 1/4	1/4	12		3 1/2
6077B	Natural	1/2— 9/16	7 1/8	9/32	12		5
6079	Natural	5/8—11/16	8 1/4	5/16	12		8
6081B	Natural	3/4—13/16	9 1/4	3/8	12		12
6083B	Natural	7/8—1	10 3/8	7/16	12	1	2

PANEL BAR—15° TYPE OPEN END WRENCHES

High Carbon Steel—Heat Treated
Streamlined—Marked Openings

Catalog Numbers	Finish	Size of Openings	Extreme Length	Thickness of Heads	Standard Package	Weight lbs. oz.
5021A	Velco	5/16—11/32	3 5/8	3/16	12	1
5723	Velco	3/8—7/16	4 1/2	13/64	12	1 1/2
5725B	Velco	1/2—9/16	5 5/8	7/32	12	2 1/2
5027	Velco	19/32—11/16	6 1/2	15/64	12	3
5729	Velco	5/8—3/4	7 1/2	1/4	12	4
5731B	Velco	13/16—7/8	8 1/2	9/32	12	6 1/2
5033C	Velco	15/16—1	9 1/2	5/16	12	9
5035B	Velco	1 1/16—1 1/8	10 1/2	11/32	12	13
6021A	Natural	5/16—11/32	3 5/8	3/16	12	1
6723	Natural	3/8—7/16	4 1/2	13/64	12	1 1/2
6725B	Natural	1/2—9/16	5 5/8	7/32	12	2 1/2
6027	Natural	19/32—11/16	6 1/2	15/64	12	3
6729	Natural	5/8—3/4	7 1/2	1/4	12	4
6731B	Natural	13/16—7/8	8 1/2	9/32	12	6 1/2
6033C	Natural	15/16—1	9 1/2	5/16	12	9
6035B	Natural	1 1/16—1 1/8	10 1/2	11/32	12	13

PANEL BAR WRENCH SETS



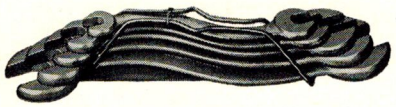
IN HINGED CONTAINERS

Streamlined Wrenches—The best designed carbon steel wrench on the market. Hinged container attractively enameled. Twelve different openings in every six piece set; ten different openings in five piece sets; sizes marked on each wrench. Offered in two finishes, natural black, and Velco.

	Standard Package	Weight Each lbs. oz.
Large 6 Piece Set—12 openings 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".		
No. X2571—Wrench Sizes 23 to 33—Velco Finish	Bulk	1 10
No. X2160—Wrench Sizes 23 to 33—Natural Black Finish	Bulk	1 10
Small 6 Piece Set—12 openings 5/16", 3/8", 11/32", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8".		
No. X2572—Wrench Sizes 21 to 31—Velco Finish	Bulk	1 2 1/2
No. X2509—Wrench Sizes 21 to 31—Natural Black Finish	Bulk	1 2 1/2
Large 5 Piece Set—10 openings 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8".		
No. X2567—Wrench Sizes 23 to 31—Velco Finish	Bulk	1 2
No. X2166—Wrench Sizes 23 to 31—Natural Black Finish	Bulk	1 2
Small 5 Piece Set—10 openings 5/16", 3/8", 11/32", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4".		
No. X2564—Wrench Sizes 21 to 29—Velco Finish	Bulk	12
No. X2163—Wrench Sizes 21 to 29—Natural Black Finish	Bulk	12

STAR "S" WRENCH SET

A popular set on the farm and useful everywhere



Contains the five most popular sizes of "S" Wrenches

Five Wrenches in a spring clip container, 10 openings 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1".

No. 2087—Wrench Set—Natural Black Finish	Bulk	14
No. X2570—Wrench Set—Velco Finish	Bulk	14

NEW VLCHEK MOTIV WRENCHES

HEAVY DUTY 15° OPEN END WRENCHES

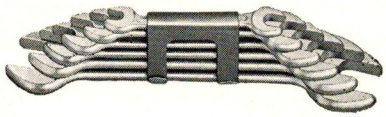
Chrome plated — polished faces. Special analysis steel. Designed for hard service in the shop and on the farm.

Catalog Number	Size of Opening	Extreme Length	Finish	Std. Package	Weight Ea. lbs.	Weight Ea. oz.
N21-A	5/16 — 11/32	3 5/8	Chrome-Polished Heads....	12		1 1/2
N723	3/8 — 7/16	4 1/8	Chrome-Polished Heads....	12		1 1/2
N725-B	1/2 — 9/16	5 1/8	Chrome-Polished Heads....	12		3
N727	9/16 — 5/8	6 1/8	Chrome-Polished Heads....	12		3 1/2
N27	19/32 — 11/16	6 1/8	Chrome-Polished Heads....	12		3 1/2
N729	5/8 — 3/4	7 1/8	Chrome-Polished Heads....	12		5
N731-B	13/16 — 7/8	8	Chrome-Polished Heads....	12		8
N33-C	15/16 — 1	9	Chrome-Polished Heads....	12		11

HEAVY DUTY MOTIV WRENCH SETS

No. X3291—Large 6 piece—Sizes 3/8" to 1" Chrome plated—Polished heads	Bulk	2	
No. X3292—Small 6 piece—Sizes 5/16" to 7/8" Chrome plated—Polished heads	Bulk	1	7
No. X3293—Small 5 piece—Sizes 5/16" to 3/4" Chrome plated—Polished heads	Bulk		15

AGRICULTURAL OPEN END WRENCH SETS



Larger openings for use on Heavy Farm machinery. Panel Bar type. Largest wrench has openings — 1 1/16" x 1 1/8".

No. X3346—Heavy 7 Piece—Nickel Plated—Sizes 3/8" to 1 1/8".....	Bulk	2	7
No. X3347—Heavy 7 Piece—Natural —Sizes 3/8" to 1 1/8".....	Bulk	2	7
No. X3348—Heavy 6 Piece—Nickel Plated—Sizes 1/2" to 1 1/8".....	Bulk	2	4
No. X3349—Heavy 6 Piece—Natural —Sizes 1/2" to 1 1/8".....	Bulk	2	4

PANEL BAR 15° OPEN END WRENCHES

Chrome plated — polished faces. High carbon steel serviceable wrenches for the home mechanic and car owner.

Catalog Number	Size of Opening	Extreme Length	Finish	Std. Package	Weight Ea. lb.	Weight Ea. oz.
7021-A	5/16 — 11/32	3 5/8	Chrome-Polished Heads....	12		1 1/2
7723	3/8 — 7/16	4 1/2	Chrome-Polished Heads....	12		1 1/2
7725-B	1/2 — 9/16	5 5/8	Chrome-Polished Heads....	12		2 1/2
7027	19/32 — 11/16	6 1/2	Chrome-Polished Heads....	12		3
7729	5/8 — 3/4	7 1/2	Chrome-Polished Heads....	12		4 1/4
7731-B	13/16 — 7/8	8 1/2	Chrome-Polished Heads....	12		6 1/2
7033-C	15/16 — 1	9 1/2	Chrome-Polished Heads....	12		8
7035-B	1 1/16 — 1 1/8	10 1/2	Chrome-Polished Heads....	12		13

PANEL BAR CHROME PLATED WRENCH SETS

No. X3340—Large 6 piece—Sizes 3/8" to 1" Chrome plated—polished heads	Bulk	1	10
No. X3341—Small 6 piece—Sizes 5/16" to 7/8" Chrome plated—polished heads	Bulk	1	3
No. X3342—Small 5 piece—Sizes 5/16" to 3/4" Chrome plated—polished heads	Bulk		12

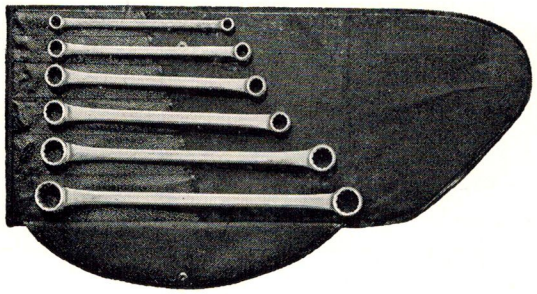
NEW VLCHEK QUALITY WRENCHES

LONG PATTERN 15° ANGLE BOX WRENCHES

ALLOY STEEL — TWELVE POINT OPENINGS

Modified type — combining the high clearance of the old 45° with the straight pull of the modern 15° angle wrench.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each lbs. oz.
WBH1214	3/8—7/16	8 1/2	Chrome Plated, Bright Heads	12	3
WBH1416	7/16—1/2	8 7/8	Chrome Plated, Bright Heads	12	3 1/2
WBH1618	1/2—9/16	9 1/4	Chrome Plated, Bright Heads	12	4
WBH1820	9/16—5/8	9 5/8	Chrome Plated, Bright Heads	12	5
WBH1922	19/32—11/16	10	Chrome Plated, Bright Heads	12	5 1/2
WBH2022	5/8—11/16	10	Chrome Plated, Bright Heads	12	5 1/2
WBH2024	5/8—3/4	11 1/4	Chrome Plated, Bright Heads	12	6 1/2
WBH2428	3/4—7/8	12 3/8	Chrome Plated, Bright Heads	12	8 1/2
WBH2526	25/32—13/16	13 3/8	Chrome Plated, Bright Heads	12	8 1/2
WBH2628	13/16—7/8	13 3/8	Chrome Plated, Bright Heads	12	9
WBH3032	15/16—1	14 7/8	Chrome Plated, Bright Heads	12	12 1/2
WBH3436	1 1/16—1 1/8	16 1/2	Chrome Plated, Bright Heads	12	1
WBH4042	1 1/4—1 5/16	17 1/2	Chrome Plated, Bright Heads	12	1 7
WBH4648	1 7/16—1 1/2	19 1/2	Chrome Plated, Bright Heads	6	2 9



15° ALLOY LONG BOX WRENCH SETS

CHROME PLATED

LEATHERETTE CASES

SIX PIECE SET — Sizes range from 3/8″ to 1″. Includes all the more popular sizes without duplications. Contains WBH1214, WBH1618, WBH1922, WBH2024, WBH2628, and WBH3032.

No. 3247, 6 pc. 15° Long Box Wrench Set.
Weight 2 lb. 13 oz.

TEN PIECE SET — Sizes range from 3/8″ to 1 1/8″. Includes all American and USS sizes within the range — and overlaps the five most popular American sizes.

Contains WBH1214, WBH1416, WBH1618, WBH1820, WBH1922, WBH2024, WBH2428, WBH2526, WBH3032, WBH3436

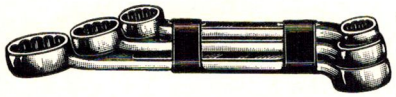
No. 3248, 10 pc. 15° Long Box Wrench Set.
Weight 4 lb. 14 oz.

ALLOY BOX WRENCHES SHORT PATTERN 10°

ALLOY STEEL — TWELVE POINT OPENINGS

Best design. Flat slender bars, thin walls *and* heel clearance, which is so often lacking in this pattern wrench.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each lbs. oz.
WBC1012	5/16—3/8	4 1/8	Chrome Plated, Bright Heads	12	1 1/2
WBC1214	3/8—7/16	4 3/8	Chrome Plated, Bright Heads	12	1 1/2
WBC1618	1/2—9/16	4 7/8	Chrome Plated, Bright Heads	12	2
WBC2022	5/8—11/16	5 7/8	Chrome Plated, Bright Heads	12	3

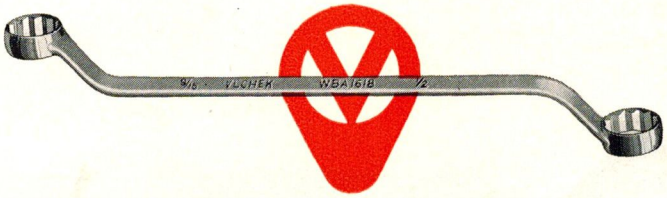


BOX WRENCH SETS

CHROME PLATED

Packed in metal band containers for attractive display.

No. 2831—Three Piece Set, Nos. WBC1214 to WBC2022 ..... Bulk 6

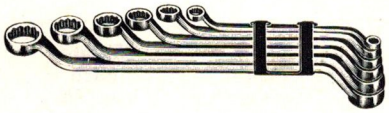


LONG PATTERN 45° DOUBLE OFFSET BOX WRENCHES

CHROME MOLY STEEL—TWELVE POINT OPENINGS

Finest design in this popular pattern. Flat slender bars—thin walls—exceptional heel clearance. Six popular sizes in chrome plate with bright heads.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each lbs.	oz.
WBA1214	3/8—7/16	7 3/8	Chrome Plated, Bright Heads.....	12		2
WBA1618	1/2—9/16	8 1/2	Chrome Plated, Bright Heads.....	12		3 1/2
WBA2022	5/8—11/16	9 3/4	Chrome Plated, Bright Heads.....	12		5 1/2
WBA2425	3/4—25/32	11	Chrome Plated, Bright Heads.....	12		7
WBA2628	13/16—7/8	12 5/8	Chrome Plated, Bright Heads.....	12		11
WBA3032	15/16—1	14 1/2	Chrome Plated, Bright Heads.....	12		15

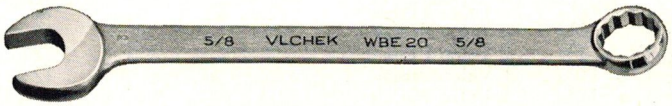


BOX WRENCH SETS

CHROME PLATED

Packed in metal band containers for attractive display.

No. 2821—Five Piece Set, Nos. WBA1214 to WBA2628.....	Bulk	1	12
No. 2823—Six Piece Set, Nos. WBA1214 to WBA3032.....	Bulk	2	10

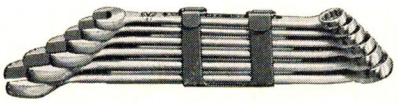


COMBINATION WRENCHES

Combination open end and box wrenches—same opening on both ends

Narrow streamline jaws on open end—thin walled 15° box end, and a slender handle long enough to furnish the needed leverage. Made of alloy steel, accurately heat treated. Chrome plated, bright heads.

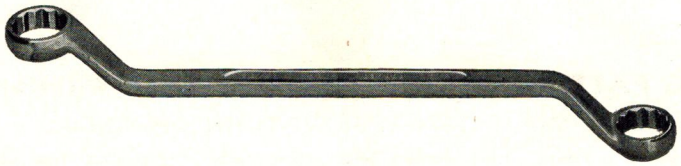
Wrench Number	Size of Opening Inches	Extreme Length Inches	Finish	Standard Package	Weight Each Lbs.	Oz.
WBE12	3/8	5 7/8	Chrome Plated, Bright Heads.....	12		2
WBE14	7/16	6 1/4	Chrome Plated, Bright Heads.....	12		2 1/2
WBE16	1/2	6 7/8	Chrome Plated, Bright Heads.....	12		3
WBE18	9/16	7 1/2	Chrome Plated, Bright Heads.....	12		3
WBE20	5/8	8 1/8	Chrome Plated, Bright Heads.....	12		4
WBE22	11/16	8 7/8	Chrome Plated, Bright Heads.....	12		6 1/2
WBE24	3/4	9 3/4	Chrome Plated, Bright Heads.....	12		6
WBE26	13/16	10 1/2	Chrome Plated, Bright Heads.....	12		8
WBE28	7/8	11 3/8	Chrome Plated, Bright Heads.....	12		8 1/2
WBE30	15/16	12 1/4	Chrome Plated, Bright Heads.....	12		10
WBE32	1	13 1/4	Chrome Plated, Bright Heads.....	12		12



COMBINATION WRENCH SETS

Packed in Red Metal Band Containers—Large Set in Leatherette Case

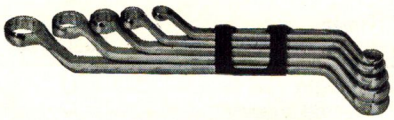
No. 2863—Three Piece Set—Nos. WBE14 to WBE18.....	Bulk		7 1/2
No. 2866—Six Piece Set—Nos. WBE14 to WBE24.....	Bulk	1	5 1/2
No. 3249—Eleven Piece Set—Nos. WBE12 to WBE32 in Leatherette Case....	Bulk	4	11



PANEL BAR LONG PATTERN 45° BOX WRENCHES
SPECIAL ANALYSIS STEEL—12-POINT OPENINGS

Panel bar design adds rigidity and fits the hand. Walls are proportioned to give minimum thickness with greatest strength and exceptional heel clearance. Furnished in bright nickel plate and Velco finish.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each Lbs.	Weight Each Oz.
X530	3/8— 7/16	7 5/8	Bright Plated	12		3
X531	1/2— 9/16	8 5/8	Bright Plated	12		4 1/2
X532	5/8— 11/16	9 3/4	Bright Plated	12		7
X533	3/4— 25/32	11 1/4	Bright Plated	12		8
X534	13/16— 7/8	12 3/4	Bright Plated	12		12
X535	15/16—1	14 3/8	Bright Plated	12	1	
X536	1 1/16—1 1/8	16 5/8	Bright Plated	12	1	8
X540	3/8— 7/16	7 5/8	Velco Finish	12		3
X541	1/2— 9/16	8 5/8	Velco Finish	12		4 1/2
X542	5/8— 11/16	9 3/4	Velco Finish	12		7
X543	3/4— 25/32	11 1/4	Velco Finish	12		8
X544	13/16— 7/8	12 3/4	Velco Finish	12		12
X545	15/16—1	14 3/8	Velco Finish	12	1	
X546	1 1/16—1 1/8	16 5/8	Velco Finish	12	1	8



LONG PATTERN 45° BOX WRENCH SETS

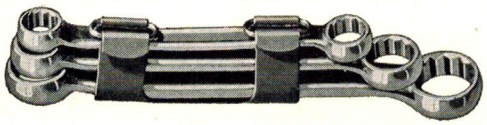
Packed in Red Metal Band Containers

No. X4000—Three Piece—3/8" to 11/16"—**Nos. X530 to X532, Bright Plated**	Bulk		14
No. X4001—Three Piece—1/2" to 25/32"—**Nos. X531 to X533, Bright Plated**	Bulk	1	3
No. X4002—Five Piece—3/8" to 7/8" —**Nos. X530 to X534, Bright Plated**	Bulk	2	1
No. X4003—Six Piece—3/8" to 1" —**Nos. X530 to X535, Bright Plated**	Bulk	3	
No. X4004—Three Piece—3/8" to 11/16"—**Nos. X540 to X542, Velco Finish**	Bulk		14
No. X4005—Three Piece—1/2" to 25/32"—**Nos. X541 to X543, Velco Finish**	Bulk	1	3
No. X4006—Five Piece—3/8" to 7/8" —**Nos. X540 to X544, Velco Finish**	Bulk	2	1
No. X4007—Six Piece—3/8" to 1" —**Nos. X540 to X545, Velco Finish**	Bulk	3	
No. X3351—Heavy Six Piece—1/2" to 1 1/8" —**Nos. X541 to X546, Velco Finish**	Bulk	4	7
No. X3350—Heavy Seven Piece—3/8" to 1 1/8"—**Nos. X540 to X546, Velco Finish**	Bulk	4	10

PANEL BAR SHORT PATTERN
10° BOX WRENCHES

Special analysis steel — twelve point openings. Unique design combines the advantages of both 15° and 45° short box wrenches.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each Lbs. Oz.
X560	5/16—11/32	3 7/8	Bright Plated	12	1
X561	3/8—7/16	4 1/2	Bright Plated	12	2
X562	1/2—9/16	5 1/4	Bright Plated	12	2 1/2
X563	5/8—11/16	6 1/8	Bright Plated	12	4
X570	5/16—11/32	3 7/8	Velco Finish	12	1
X571	3/8—7/16	4 1/2	Velco Finish	12	2
X572	1/2—9/16	5 1/4	Velco Finish	12	2 1/2
X573	5/8—11/16	6 1/8	Velco Finish	12	4



PANEL BAR SHORT PATTERN - 10° BOX WRENCH SETS

Packed in Red Metal Band Containers.

No. X4008—Three Piece—5/16" to 9/16"—**Nos. X560 to X562,** Bright Plated	Bulk	5
No. X4009—Three Piece—3/8" to 11/16"—**Nos. X561 to X563,** Bright Plated	Bulk	7
No. X4013—Three Piece—5/16" to 9/16"—**Nos. X570 to X572,** Velco Finish	Bulk	5
No. X4014—Three Piece—3/8" to 11/16"—**Nos. X571 to X573,** Velco Finish	Bulk	7

NEW VLCHEK MOTIV WRENCHES

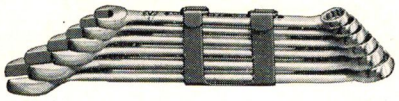
MOTIV COMBINATION BOX and END WRENCHES

Chrome plated — polished faces and heads. Special analysis steel. Slender long bar. Streamlined jaws thin walled box ends.

Catalog Number	Size of Opening	Extreme Length	Finish	Std. Package	Weight Ea. lbs.	Weight Ea. oz.
X12	3/8	5 7/8	Chrome—Polished Ends....	12		2
X14	7/16	6 1/4	Chrome—Polished Ends....	12		2 1/2
X16	1/2	6 7/8	Chrome—Polished Ends....	12		3
X18	9/16	7 1/2	Chrome—Polished Ends....	12		3
X20	5/8	8 1/8	Chrome—Polished Ends....	12		4
X22	11/16	8 7/8	Chrome—Polished Ends....	12		6 1/2
X24	3/4	9 3/4	Chrome—Polished Ends....	12		7

MOTIV COMBINATION WRENCH SETS

No. X3294—Large 6 piece—Sizes 7/16" to 3/4" Chrome plated—Polished ends	Bulk	1	8
No. X3295—Small 6 piece—Sizes 3/8" to 11/16" Chrome plated—Polished ends	Bulk	1	3



COMBINATION WRENCH SETS

No. X3343—Large 6 Piece—Sizes 7/16" to 3/4" —Velco Finish	Bulk	1	8
No. X3344—Small 6 Piece—Sizes 3/8" to 11/16" —Velco Finish.....	Bulk	1	3
No. X3345—Small 5 Piece—Sizes 3/8" to 5/8" —Velco Finish.....	Bulk		14

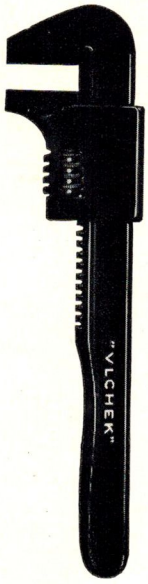
MOTIV LONG PATTERN 30° BOX WRENCHES

Chrome plated — polished heads. Special analysis steel — slender bars with high heel clearance and thin walls.

Catalog Number	Sizes of Openings	Extreme Length	Finish	Std. Package	Weight Ea. lbs.	Weight Ea. oz.
XB1214	3/8 — 7/16	8 1/2	Chrome—Polished Heads...	12		3
XB1416	7/16 — 1/2	8 7/8	Chrome—Polished Heads...	12		3 1/2
XB1618	1/2 — 9/16	9 1/4	Chrome—Polished Heads...	12		4 1/2
XB1820	9/16 — 5/8	9 5/8	Chrome—Polished Heads...	12		5
XB1922	19/32 — 11/16	10	Chrome—Polished Heads...	12		5 1/2
XB2024	5/8 — 3/4	11 1/4	Chrome—Polished Heads...	12		6 1/2
XB2628	13/16 — 7/8	13 3/8	Chrome—Polished Heads...	12		9
XB3032	15/16 — 1	14 7/8	Chrome—Polished Heads...	12		12 1/2

MOTIV BOX WRENCH SETS

No. X3296—6 piece—Sizes 3/8" to 1" Chrome plated—Polished Heads.....	Bulk	2	6
No. X3297—5 piece—Sizes 3/8" to 7/8" Chrome plated—Polished Heads....	Bulk	1	11



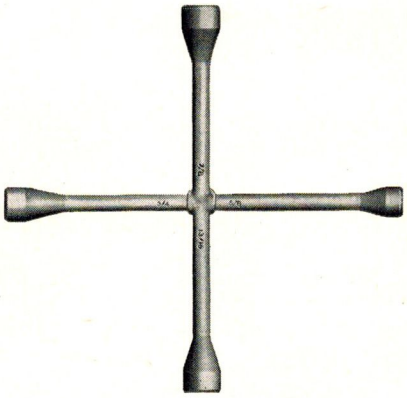
Forged AUTOMOBILE WRENCHES Open Hearth Steel

Catalog Number	Finish	Overall Length Inches	Jaws Open Inches	Standard Package	Weight Each lbs.	oz.
WA609	Baked Black Enamel	9	2½	6		13
WA611	Baked Black Enamel	11	2¾	6	1	8
WA615	Baked Black Enamel	15	4	6	3	3
WA618	Baked Black Enamel	18	4½	6	6	
WA909	Natural Black	9	2½	Bulk		13
WA911	Natural Black	11	2¾	Bulk	1	8
WA915	Natural Black	15	4	Bulk	3	3
WA918	Natural Black	18	4½	Bulk	6	
X40	Velco Finish	9	2½	Bulk		13
X41	Velco Finish	11	2¾	Bulk	1	8
X42	Velco Finish	15	4	Bulk	3	3

TUBULAR SPARK PLUG WRENCHES

Furnished with 6¼″ long handles for turning.

	Standard Package	Weight Each lbs.	oz.
No. X110—9/16—11/16—Black Enamel	12		4
No. X111—21/32—27/32—Black Enamel	12		5
No. X131—27/32—31/32—Black Enamel	12		6½
No. X132—27/32—1 1/32—Black Enamel	12		8½
No. X133—29/32—1 5/32—Black Enamel	12		9
No. X112—9/16—11/16—Natural	12		4
No. X113—21/32—27/32—Natural	12		5
No. X134—27/32—31/32—Natural	12		6½
No. X135—27/32—1 1/32—Natural	12		8½
No. X136—29/32—1 5/32—Natural	12		9



FOUR WAY RIM WRENCHES

New type welded four way rim wrench. Produced by a new method which gives a neat, attractive and perfect union of the two cross bars. Long handles give plenty of leverage and fender clearance. Deep sockets—⅝″, ¾″, 13/16, and ⅞″ openings, take wheel nuts on nearly all cars and light trucks. 13 inch overall for car owners. 16 inch size for service men and mechanics who require greater leverage. 20 inch for newer cars with deep wells and lower fenders.

		Standard Package	Weight Each lbs.	oz.
X200	13″ Rim Wrench—Natural Finish	Bulk	2	3
X202	13″ Rim Wrench—Velco Finish	Bulk	2	3
X207	16″ Rim Wrench—Natural Finish	Bulk	2	10
X208	16″ Rim Wrench—Velco Finish	Bulk	2	10
X214	16″ Rim Wrench—Bright Socket Ends	Bulk	2	10
X215	20″ Rim Wrench—Natural Finish	Bulk	3	3
X216	20″ Rim Wrench—Velco Finish	Bulk	3	3
X217	20″ Rim Wrench—Bright Socket Ends	Bulk	3	3

BRICKLAYERS' HAMMERS

Drop Forged—High Carbon Steel

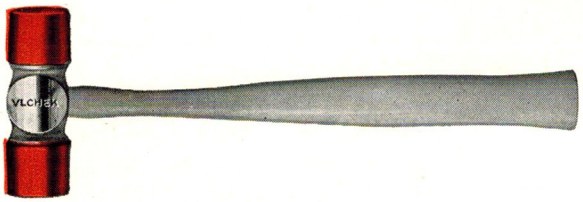
This pattern Hammer was originated by F. J. Vlchek from suggestions received from practical bricklayers. Imitated but never equalled—this hammer has the following exclusive features: Perfect balance, assuring straight blow;

Spalling face, hard center and four tough, sharp edges;

Chisel end thin and sharp, ready for use;
Proper wrist radius, prevents straining the hand;

Specially designed selected hickory handle.

	Standard Package	Weight Each lbs. oz.
No. HL12—Bricklayers' Hammer—10 oz. Head	6	12
No. HL20— " " —1¼ lb. "	4	1 8
No. HL24— " " —1½ lb. "	4	1 12

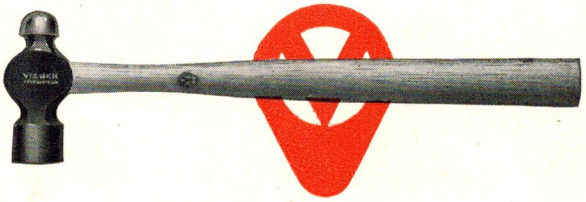


VLCHEK SOFT FACE HAMMER

For driving bushings and wrist pins. For body bumping and aeronautical repairs. For the assembly of fine furniture. Will not mar the surface of aluminum or other soft materials.
Has the driving power of a standard machinist hammer of equal weight.
Drop forged head polished and plated. Hickory handle. Striking faces of tough plastic compounded expressly for this purpose.

Catalog Number	Nominal Head Weight	Diameter of Face	Length Overall	Standard Package	Weight Each lbs. oz.
HM8	6 oz.	1″	11½″	6	9
HM16	12¼ oz.	1⅜″	12¾″	6	1
HM24	1 lb. 6 oz.	1¾″	14″	6	1 4

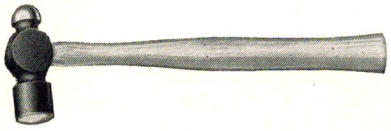
VLCHEK QUALITY BALL PEIN HAMMERS



Special Hammer Steel **Select Hickory Handles**

Japanned Finish—Polished Face and Pein

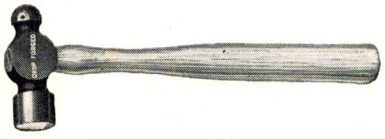
Catalog Number	Nominal Head Weight	Length Overall	Pattern	Standard Package	Weight Each lbs.	Weight Each oz.
HB504	4 Oz.	11½″	Octagon	6		8
HB508	8 Oz.	12½″	Octagon	6		11
HB512	12 Oz.	13½″	Octagon	6	1	3
HB516	1 Lb.	14″	Octagon	6	1	7
HB524	1½ Lb.	15½″	Octagon	6	1	14
HB532	2 Lb.	16″	Octagon	6	2	6
HB540	2½ Lb.	16½″	Octagon	6	3	3
HB548	3 Lb.	16½″	Octagon	6	3	11



BALL PEIN HAMMERS

Round pattern — long white lacquered hickory handles—offered in two styles, either nickel plated with bright face and pein or japanned finish with polished face and pein.

Catalog Number	Nominal Head Weight	Length Overall	Finish	Standard Package	Weight Each lbs.	Weight Each oz.
X260	4 Oz.	11½″	Nickel Plated—Bright Face and Pein	Bulk		7
X261	8 Oz.	12½″	Nickel Plated—Bright Face and Pein	Bulk		11
X262	10 Oz.	13½″	Nickel Plated—Bright Face and Pein	Bulk		14
X263	12 Oz.	13½″	Nickel Plated—Bright Face and Pein	Bulk	1	
X264	1 Lb.	14″	Nickel Plated—Bright Face and Pein	Bulk	1	4
X265	1½ Lb.	15½″	Nickel Plated—Bright Face and Pein	Bulk	1	14
X266	2 Lb.	16″	Nickel Plated—Bright Face and Pein	Bulk	2	6
X196	4 Oz.	11½″	Japanned—Polished Face and Pein	Bulk		7
X197	8 Oz.	12½″	Japanned—Polished Face and Pein	Bulk		11
X162	10 Oz.	13½″	Japanned—Polished Face and Pein	Bulk		14
X163	12 Oz.	13½″	Japanned—Polished Face and Pein	Bulk	1	
X164	1 Lb.	14″	Japanned—Polished Face and Pein	Bulk	1	4
X165	1½ Lb.	15½″	Japanned—Polished Face and Pein	Bulk	1	14
X166	2 Lb.	16″	Japanned—Polished Face and Pein	Bulk	2	6



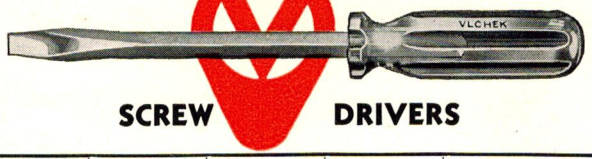
EQUIPMENT PATTERN BALL PEIN HAMMERS

Drop Forged—Selected Ash Handles.

Catalog Number	Nominal Head Weight	Length Overall	Head Finish	Standard Package	Weight Each lbs.	Weight Each oz.
X50	10 Oz.	10½″	Japanned—Polished Face and Pein	Bulk		13
X51	12 Oz.	10½″	Japanned—Polished Face and Pein	Bulk	1	
X52	1 Lb.	11″	Japanned—Polished Face and Pein	Bulk	1	3
X53	1½ Lb.	15½″	Japanned—Polished Face and Pein	Bulk	1	13
X55	10 Oz.	10½″	Natural	Bulk		13
X56	12 Oz.	10½″	Natural	Bulk	1	
X57	1 Lb.	11″	Natural	Bulk	1	3
X58	1½ Lb.	15½″	Natural	Bulk	1	13

VLCHEK QUALITY SCREW DRIVERS

SUPER-VLCHEK

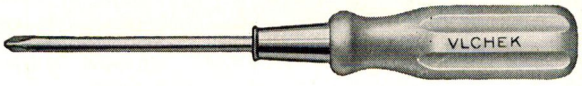


SCREW DRIVERS

A new design handle providing utmost comfort, made of extruded translucent amber plastic, non-inflammable; durable, shock-proof and impervious to grease and moisture. High Carbon Steel Blades in three types - Regular style in square and round shank - Phillips style in round shank.

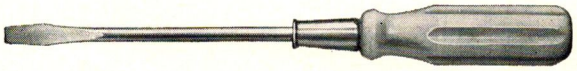
Catalog Number	Bit Length	Bit Stock	Overall Length	Type	Standard Package	Weight Ea. lbs. oz.
SU203	3	1/8 Sq.	6	Regular — Chrome Plated	12	1
SU206	6	1/8 Sq.	9	Regular — Chrome Plated	12	1 1/2
SU304	4	3/16 Sq.	7 3/8	Regular — Chrome Plated	12	2
SU308	8	3/16 Sq.	11 3/8	Regular — Chrome Plated	12	3
SU401	1 1/2	1/4 Sq.	3 1/2	Regular Stubby — Chrome Plated	12	2
SU404	4	1/4 Sq.	7 3/4	Regular — Chrome Plated	12	3
SU406	6	1/4 Sq.	9 3/4	Regular — Chrome Plated	12	4
SU506	6	5/16 Sq.	10 1/8	Regular — Chrome Plated	12	6
SU508	8	5/16 Sq.	12 1/8	Regular — Chrome Plated	12	7
SU608	8	3/8 Sq.	12 1/2	Regular — Chrome Plated	12	9
SU612	12	3/8 Sq.	16 1/2	Regular — Chrome Plated	12	12
SPR1	3	3/16 Rd.	6	Phillips No. 1 — Chrome Plated	12	2
SPR2	4	1/4 Rd.	7 3/4	Phillips No. 2 — Chrome Plated	12	3 1/2
SPR3	6	5/16 Rd.	10 1/8	Phillips No. 3 — Chrome Plated	12	5
SPR4	8	3/8 Rd.	12 1/2	Phillips No. 4 — Chrome Plated	12	8
SRM201	1 1/2	1/8 Rd.	3 1/2	Regular Midget — Nickel Plated	12	1
SR303	3	3/16 Rd.	6	Regular — Nickel Plated	12	2
SR306	6	3/16 Rd.	9	Regular — Nickel Plated	12	2 1/2
SR404	4	1/4 Rd.	7 3/8	Regular — Nickel Plated	12	3
SR506	6	5/16 Rd.	9 3/4	Regular — Nickel Plated	12	5
SR608	8	3/8 Rd.	12 1/8	Regular — Nickel Plated	12	7

VLCHEK SCREW DRIVERS



Blades of High Carbon Steel specially heat treated. Ferrules locked securely to the handle by an exclusive spinning process. Handles unusually large and deep fluted — affording a secure grip. Blades bright plated with polished tapers. Ferrules bright plated.

Catalog Number	Bit Length	Bit Stock	Overall Length	Type	Standard Package	Weight Each lbs. oz.
SDC102	2 1/2	3/16	5 1/4	Regular Cabinet	12	2
SDC104	4 1/2	3/16	7 1/4	Regular Cabinet	12	2
SDC106	6 1/2	3/16	9 1/4	Regular Cabinet	12	2
SD101	1 1/2	1/4	4 3/8	Regular Stubby	12	2
SD103	3	7/32	7 5/8	Regular	12	3
SD104	4	1/4	9 1/8	Regular	12	4
SD106	6	5/16	11 3/4	Regular	12	5
SD108	8	3/8	14 3/8	Regular	12	7
SPD1S	1	3/16	3 3/4	Phillips No. 1 Stubby	12	1
SPD1	3	3/16	7	Phillips No. 1	12	2
SPD2S	1 1/2	1/4	4 5/8	Phillips No. 2 Stubby	12	2
SPD2	4	1/4	9 1/8	Phillips No. 2	12	4
SPD3	6	5/16	11 3/4	Phillips No. 3	12	5
SPD4	8	3/8	14 3/8	Phillips No. 4	12	7



STANDARD SCREW DRIVERS

Deep fluted hardwood handles in natural clear lacquer finish. Bright finish carbon steel bit. Made in regular pattern only.

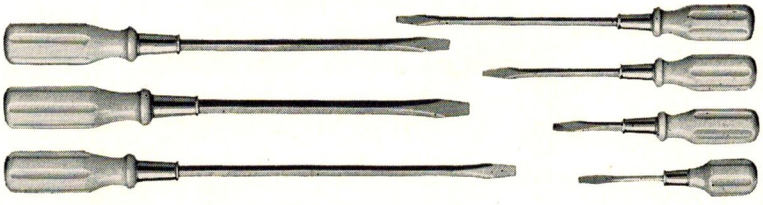
Catalog Number	Bit Length	Bit Stock	Overall Length	Type	Standard Package	Weight Ea. lbs. oz.
SC102	2½	3/16 Rd.	5¼	Regular Cabinet	12	1
SC104	4½	3/16 Rd.	7¼	Regular Cabinet	12	1½
SC106	6½	3/16 Rd.	9¼	Regular Cabinet	12	2
SL202	2	3/16 Rd.	6	Regular Light Pattern	12	2
SL204	4	7/32 Rd.	8⅝	Regular Light Pattern	12	3
SL206	6	¼ Rd.	11⅛	Regular Light Pattern	12	4
SL208	8	5/16 Rd.	13¾	Regular Light Pattern	12	6
SS303	3	7/32 Rd.	7⅝	Regular	12	3
SS301	1½	¼ Rd.	4⅝	Regular Stubby	12	2
SS304	4	¼ Rd.	9⅛	Regular	12	4
SS306	6	5/16 Rd.	11¾	Regular	12	5
SS308	8	⅜ Rd.	14⅜	Regular	12	7

HEAVY DUTY SCREW DRIVERS

Blade through handle. Hammer Head type. Bright polished carbon steel blade, cherry stained, deep fluted hardwood handles.

Catalog Number	Bit Length	Bit Stock	Overall Length	Type	Standard Package	Weight Ea. lbs. oz.
SH103	3	7/32 Rd.	7⅝	Hammer Head	12	3
SH104	4	¼ Sq.	9⅛	Hammer Head	12	5
SH105	5	5/16 Sq.	11⅜	Hammer Head	12	7

MECHANICS SCREW DRIVER SET



Seven most popular sizes of screw drivers. Square shank — specially heat treated bits nickle plated. Full size palm fitting handles of clear hard wood. Heavy plated ferrules spun securely on to handle. Each set packed in a strong cardboard box.

Set consists of one each of the following sizes.— 5/16″ x 8″ — ¼″ x 10″ — ¼″ x 8″ — 3/16″ x 6½″ — 3/16″ x 4″ — 3/16″ x 2″ — and 3/16″ x 2½″ cabinet pattern.

No. 3337 — 7 piece Screw Driver Set — Weight each 1 lb.-9 oz.

POPULAR PRICED SCREW DRIVERS

Black hardwood handles. Natural black blades. Good value in all the most popular sizes.

	Standard Package	Weight Each lbs.	oz.
No. X140—7/32″ Round Blade, 3″ Long.....	12		2
No. X141—1/4″ Round Blade, 3½″ Long....	12		2
No. X142—5/16″ Round Blade, 5″ Long.....	12		4
No. X143—5/16″ Square Blade, 5″ Long.....	12		5

HOUSEHOLD SCREW DRIVER

An exceptionally good value. Red hardwood handle. Natural black blade. Ferrule is so constructed that it positively cannot come off.

No. X130—1/4″ Round Blade, 3½″ Long....	12		2

MACHINISTS' BEARING SCRAPERS

Drop Forged—High Carbon Steel—Hollow Ground—Polished Blades

No. KH510—Bearing Scraper, 10½″ Long.....	6		5½
No. KH511—Bearing Scraper, 11½″ Long.....	6		6
No. KH513—Bearing Scraper, 13½″ Long.....	6		7
No. AKH53—Set of above three Bearing Scrapers.....	1	1	4

PRY BAR

Forged from high carbon tool steel—½″ square stock—14″ long. Note round taper for lining up.

No. X302—Pry Bar, Velco Finish.....	Bulk		12

TIRE TOOL

Two lengths. Rounded handle. Comforable grip.

No. 126—12″ Tire Tool, Velco Finish....	Bulk		13
No. 127—12″ Tire Tool, Natural Finish..	Bulk		13
No. 128—18″ Tire Tool, Velco Finish....	Bulk	1	3
No. 129—18″ Tire Tool, Natural Finish..	Bulk	1	3

VLCHEK STANDARD CHISELS AND PUNCHES

Square Stock **Forged Carbon Steel**

Standard Chisels and Punches are forged from special square stock—fully heat treated. Made in natural finish and in a chrome plated finish with polished tapers, points and ends.

COLD CHISELS

Square Stock **Carbon Steel**

Catalog Number	Cutting Edge	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X847	1/4	1/4	5	Natural	12	1
X849	5/16	1/4	5	Natural	12	1
X850	1/2	3/8	6	Natural	12	3
X851	5/8	1/2	6 1/2	Natural	12	7
X852	3/4	5/8	7	Natural	12	10
X853	7/8	3/4	7 1/2	Natural	12	14
X854	1	7/8	8	Natural	12	1 5
X747	1/4	1/4	5	Chrome Plated	12	1
X749	5/16	1/4	5	Chrome Plated	12	1
X750	1/2	3/8	6	Chrome Plated	12	3
X751	5/8	1/2	6 1/2	Chrome Plated	12	7
X752	3/4	5/8	7	Chrome Plated	12	10
X753	7/8	3/4	7 1/2	Chrome Plated	12	14

CAPE CHISELS

Square Stock **Carbon Steel**

Catalog Number	Cutting Edge	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X815	3/16	1/4	5	Natural	12	1
X816	1/4	3/8	6	Natural	12	3
X817	5/16	1/2	6 1/2	Natural	12	6
X818	3/8	5/8	7	Natural	12	9
X819	1/2	3/4	7 1/2	Natural	12	14
X715	3/16	1/4	5	Chrome Plated	12	1
X716	1/4	3/8	6	Chrome Plated	12	3
X717	5/16	1/2	6 1/2	Chrome Plated	12	6
X718	3/8	5/8	7	Chrome Plated	12	9
X719	1/2	3/4	7 1/2	Chrome Plated	12	14

DIAMOND POINT CHISELS

Square Stock **Carbon Steel**

Catalog Number	Cutting Edge	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X820	3/16	1/4	5	Natural	12	1
X821	1/4	3/8	6	Natural	12	3
X822	5/16	1/2	6 1/2	Natural	12	6
X823	3/8	5/8	7	Natural	12	10
X720	3/16	1/4	5	Chrome Plated	12	1
X721	1/4	3/8	6	Chrome Plated	12	3
X722	5/16	1/2	6 1/2	Chrome Plated	12	6
X723	3/8	5/8	7	Chrome Plated	12	10

HALF ROUND NOSE CHISELS

Square Stock **Carbon Steel**

Catalog Number	Cutting Edge	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X830	3/16	1/4	5	Natural	12	1
X831	1/4	3/8	6	Natural	12	3½
X832	5/16	1/2	6½	Natural	12	6
X833	3/8	5/8	7	Natural	12	9
X730	3/16	1/4	5	Chrome Plated	12	1
X731	1/4	3/8	6	Chrome Plated	12	3½
X732	5/16	1/2	6½	Chrome Plated	12	6
X733	3/8	5/8	7	Chrome Plated	12	9

LONG PIN PUNCH

Square Stock **Carbon Steel**

Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X885	3/16	1/2	9	Natural	12	5
X886	1/4	1/2	9	Natural	12	6
X785	3/16	1/2	9	Chrome Plated	12	5
X786	1/4	1/2	9	Chrome Plated	12	6

PIN PUNCHES

Square Stock **Carbon Steel**

Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X887	1/16	1/4	5	Natural	12	1
X879	3/32	3/8	5¼	Natural	12	3
X872	1/8	3/8	5½	Natural	12	3
X873	5/32	3/8	5¾	Natural	12	3
X874	3/16	3/8	6	Natural	12	3
X875	3/16	1/2	6¼	Natural	12	5
X876	7/32	1/2	6¼	Natural	12	5
X877	1/4	1/2	6½	Natural	12	5
X878	5/16	1/2	6¾	Natural	12	5
X779	3/32	3/8	5¼	Chrome Plated	12	3
X772	1/8	3/8	5½	Chrome Plated	12	3
X773	5/32	3/8	5¾	Chrome Plated	12	3
X774	3/16	3/8	6	Chrome Plated	12	3
X775	3/16	1/2	6¼	Chrome Plated	12	5
X776	7/32	1/2	6¼	Chrome Plated	12	5
X777	1/4	1/2	6½	Chrome Plated	12	5
X778	5/16	1/2	6¾	Chrome Plated	12	5

LONG TAPER PUNCHES

Square Stock **Carbon Steel**

Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X890	1/8	3/8	8	Natural	12	4
X891	3/16	1/2	9	Natural	12	7
X892	1/4	5/8	12	Natural	12	14
X790	1/8	3/8	8	Chrome Plated	12	4
X791	3/16	1/2	9	Chrome Plated	12	7
X792	1/4	5/8	12	Chrome Plated	12	14

SOLID PUNCHES

Square Stock **Carbon Steel**

Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X880	3/32	3/8	4 1/2	Natural	12	2
X881	1/8	3/8	4 3/4	Natural	12	2
X882	5/32	3/8	5 1/8	Natural	12	3
X883	3/16	3/8	5 1/2	Natural	12	3
X884	1/4	1/2	6	Natural	12	5
X888	5/16	5/8	6 1/2	Natural	12	8
X889	3/8	5/8	7	Natural	12	9
X780	3/32	3/8	4 1/2	Chrome Plated	12	2
X781	1/8	3/8	4 3/4	Chrome Plated	12	2
X782	5/32	3/8	5 1/8	Chrome Plated	12	3
X783	3/16	3/8	5 1/2	Chrome Plated	12	3
X784	1/4	1/2	6	Chrome Plated	12	5

CENTER PUNCHES

Square Stock **Carbon Steel**

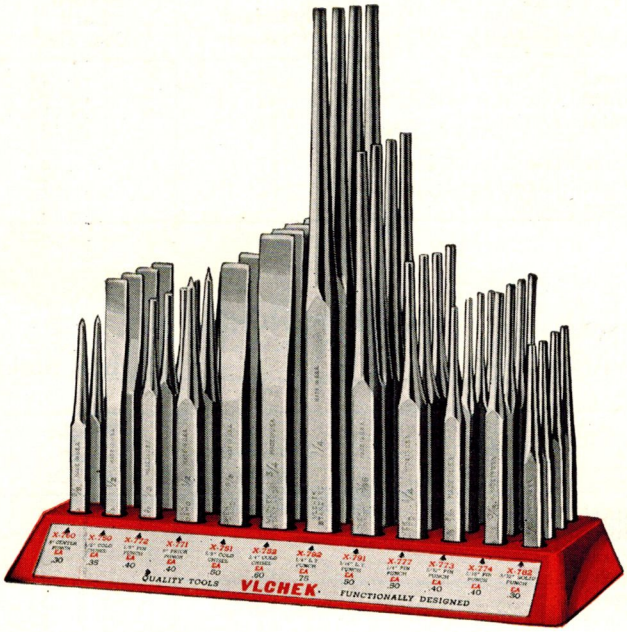
Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X859	.....	1/4	4 1/2	Natural	12	1
X860	.....	3/8	5	Natural	12	3
X861	.....	1/2	6	Natural	12	5
X760	.....	3/8	5	Chrome Plated	12	3
X761	.....	1/2	6	Chrome Plated	12	5

PRICK PUNCHES

Square Stock **Carbon Steel**

Catalog Number	Point Size	Nominal Stock Size	Length	Finish	Standard Package	Weight Each Lbs. Oz.
X870	.....	3/8	5	Natural	12	3
X871	.....	1/2	6	Natural	12	5
X770	.....	3/8	5	Chrome Plated	12	3
X771	.....	1/2	6	Chrome Plated	12	5

VLCHEK PUNCH and CHISEL DISPLAY



FORTY-EIGHT PIECE
ASSORTMENT IN
ATTRACTIVE PLASTIC
DISPLAY STAND

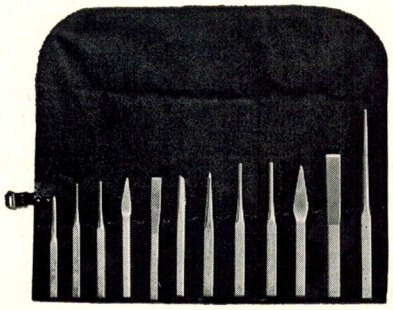
SELF SERVING
SAVES TIME
PROMOTES SALES

No. 3260—48 piece Punch and Chisel Display—consisting of Carbon Steel—Square Stock—Chrome Plated Chisels and Punches in the following assortment:

4 — **X750** — ½″ edge — ⅜″ stock — 6″ long — Cold Chisels
4 — **X751** — ⅝″ edge — ½″ stock — 6½″ long — Cold Chisels
4 — **X752** — ¾″ edge — ⅝″ stock — 7″ long — Cold Chisels
4 — **X791** — 3/16″ point — ½″ stock — 9″ long — Long Taper Punches
4 — **X792** — ¼″ point — ⅝″ stock — 12″ long — Long Taper Punches
4 — **X772** — ⅛″ point — ⅜″ stock — 5½″ long — Pin Punches
4 — **X773** — 5/32″ point — ⅜″ stock — 5¾″ long — Pin Punches
4 — **X774** — 3/16″ point — ⅜″ stock — 6″ long — Pin Punches
4 — **X777** — ¼″ point — ½″ stock — 6½″ long — Pin Punches
4 — **X771** — ½″ stock — 6″ long — Prick Punches
4 — **X760** — ⅜″ stock — 5″ long — Center Punches
4 — **X782** — 5/32″ point — ⅜″ stock — 5⅛″ long — Solid Punches
1 — Plastic Display Stand — including 2 Price Cards — one indicating part number, size and suggested retail price — the other with price omitted.

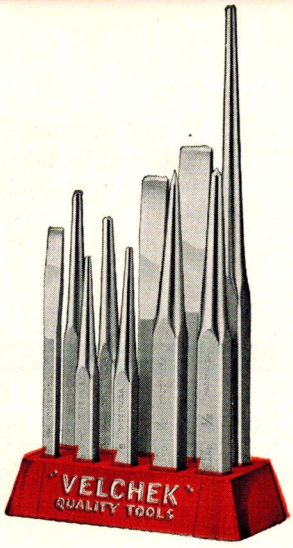
No. 3260 — 48 piece Punch and Chisel Display . . . . . Weight 16 lb., 7 oz.

VLCHEK PUNCH AND CHISEL SETS



VLCHEK DELUXE PUNCH AND CHISEL SETS

Forged from Carbon Steel in New Square Stock, Chrome Plated — Furnished in a pocket type Leatherette Case or Plastic Holder as indicated below.



No. 3250 — 12 Piece Deluxe Punch and Chisel Set — consisting of one each:

- X750—1/2" Edge Cold Chisel
- X752—3/4" Edge Cold Chisel
- X717—5/16" Edge Cape Chisel
- X721—1/4" Edge Diamond Point Chisel
- X731—1/4" Edge Half Round Nose Chisel
- X772—1/8" Point Pin Punch
- X773—5/32" Point Pin Punch
- X775—3/16" Point Pin Punch
- X777—1/4" Point Pin Punch
- X791—3/16" Point Long Taper Punch
- X760—3/8" Stock Center Punch
- X771—1/2" Stock Prick Punch

Furnished in Pocket Type Leatherette Case.....Weight 3 lb., 15 oz.

No. 3228 — 10 Piece Deluxe Punch and Chisel Set — consisting of one each:

- X749—5/16" Edge Cold Chisel
- X750—1/2" Edge Cold Chisel
- X751—5/8" Edge Cold Chisel
- X791—3/16" Point Long Taper Punch
- X780—3/32" Point Solid Punch
- X781—1/8" Point Solid Punch
- X782—5/32" Point Solid Punch
- X783—3/16" Point Solid Punch
- X761—1/2" Stock Center Punch
- X771—1/2" Stock Prick Punch

Furnished in Red Plastic Holder.....Weight 2 lb., 9 oz.

No. 3251 — 12 Piece Deluxe Punch Set — consisting of one each:

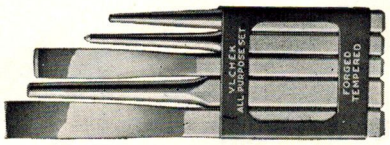
- X785—3/16" Point Long Pin Punch
- X786—1/4" Point Long Pin Punch
- X772—1/8" Point Pin Punch
- X773—5/32" Point Pin Punch
- X774—3/16" Point Pin Punch
- X776—7/32" Point Pin Punch
- X777—1/4" Point Pin Punch
- X778—5/16" Point Pin Punch
- X791—3/16" Point Long Taper Punch
- X792—1/4" Point Long Taper Punch
- X760—3/8" Stock Center Punch
- X771—1/2" Stock Prick Punch

Furnished in Pocket Type Leatherette Case.....Weight 4 lb., 4 oz.

No. 3252 — 6 Piece Deluxe Pin Punch Set — consisting of one each:

- X772—1/8" Point Pin Punch
- X773—5/32" Point Pin Punch
- X774—3/16" Point Pin Punch
- X776—7/32" Point Pin Punch
- X777—1/4" Point Pin Punch
- X778—5/16" Point Pin Punch

Furnished in Pocket Type Leatherette Case.....Weight 1 lb., 9 oz.



STANDARD PUNCH AND CHISEL SETS

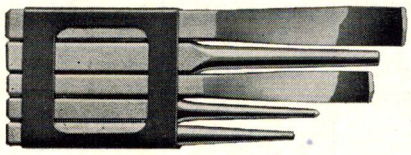
Square Carbon Steel. Red Metal Wrapper.

Large Sets contain 1/2" and 5/8" edge chisel, 1/8" and 1/4" solid punch and 1/8" center punch. Small set has similar cutting edges and points but is forged 3/8" from stock.

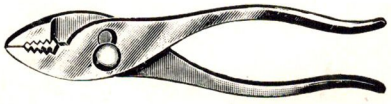
	Standard Package	Weight Each Lbs.	Oz.
No. X4020—Large 5—Natural	Bulk	1	4
No. X4021—Small 5—Natural	Bulk		14
No. X4022—Large 5—Chrome Plated	Bulk	1	4
No. X4023—Small 5—Chrome Plated	Bulk		14
No. 3255—Large 5—Nickel Plated	Bulk	1	4
No. 3256—Small 5—Nickel Plated	Bulk		14

MOTIV PUNCHES AND CHISELS

Punches and Chisels forged from high-carbon steel. Expertly heat treated — Special round cornered stock — streamlined appearance. Sizes selected to comply with maximum saleability.

	Standard Package	Weight Each Lbs.	Oz.
COLD CHISELS			
No. X950—½″ Edge, ⅜″ Stock, 6″ Long Cold Chisel—Nickel Plated—Bright Tapers	12		4
No. X951—⅝″ Edge, ½″ Stock, 6½″ Long Cold Chisel—Nickel Plated—Bright Tapers	12		6
No. X952—¾″ Edge, ⅝″ Stock, 7″ Long Cold Chisel—Nickel Plated—Bright Tapers	12		10
PIN PUNCHES			
No. X972—⅛″ Point, ⅜″ Stock, 5½″ Long Pin Punch—Nickel Plated—Bright Tapers	12		2
No. X973—5/32″ Point, ⅜″ Stock, 5¾″ Long Pin Punch—Nickel Plated—Bright Tapers	12		3
No. X974—3/16″ Point, ⅜″ Stock, 6″ Long Pin Punch—Nickel Plated—Bright Tapers	12		3
No. X977—¼″ Point, ½″ Stock, 6½″ Long Pin Punch—Nickel Plated—Bright Tapers	12		6
LONG TAPER PUNCHES			
No. X991—3/16″ Point, ½″ Stock, 9″ Over-all Long Taper Punch—Nickel Plated—Bright Tapers	12		7
No. X992—¼″ Point, ⅝″ Stock, 12″ Over-all Long Taper Punch—Nickel Plated—Bright Tapers	12		14
SOLID PUNCHES			
No. X982—5/32″ Point, ⅜″ Stock, 5⅛″ Long Solid Punch—Nickel Plated—Bright Tapers	12		3
No. X984—¼″ Point, ½″ Stock, 6″ Long Solid Punch—Nickel Plated—Bright Tapers	12		5
CENTER PUNCH			
No. X960—⅜″ Stock, 5″ Long Center Punch—Nickel Plated—Bright Tapers	12		3
PRICK PUNCH			
No. X970—⅜″ Stock, 5″ Long Prick Punch—Nickel Plated—Bright Tapers	12		3
 **PUNCH AND CHISEL SET**			
5-piece Set—contains ½″ and ⅝″ edge cold chisels, 5/32″ and ¼″ point solid punches and ⅜″ stock center punch. Nickel plated — bright tapers — in red metal wrapper.			
No. X3290—5-piece Punch and Chisel Set	Bulk	1	5

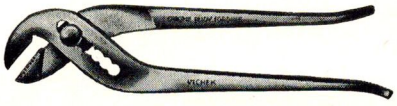
VLCHEK STANDARD BRAND PLIERS



COMBINATION PLIERS

Drop forged, tempered. Slip joint. New perfect grip, hand fitting handles.

	Standard Package	Weight Each lbs. oz.
No. PR306— 6″ Plier, Chrome Plated, Bolt Joint	6	6
No. PR206— 6″ Plier, Velco Finish, Riveted Joint	12	6
No. PR906— 6″ Plier, Natural Black Finish, Riveted Joint	12	6
No. PR308— 8″ Plier, Chrome Plated, Bolt Joint	6	9
No. PR208— 8″ Plier, Velco Finish, Riveted Joint	12	9
No. PR908— 8″ Plier, Natural Black Finish, Riveted Joint	12	9



HEAVY DUTY UTILITY AND PUMP PLIER

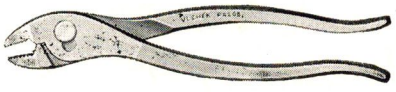
Thin jaws to reach packing nuts—enough strength and rigidity to handle pipe and electrical conduit. Special milled jaws that lock on any surface. Extreme parallel opening 1 5/8 inches Forged Chrome-Molybdenum Steel.

No. PFH309—9½″ Heavy Duty Utility and Pump Plier—Chrome Plated—Bright Noses	6	9

WATER PUMP PLIERS

Forged of special analysis carbon steel.

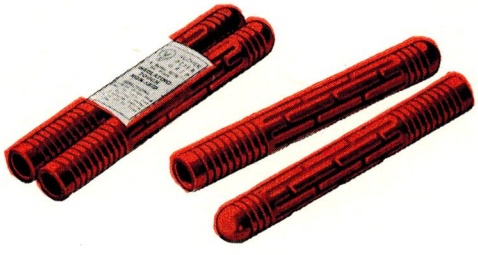
No. X85—9½″ Water Pump Pliers—Bright Plated	12	9
No. X275—9½″ Water Pump Pliers—Velco Finish	12	9



BATTERY PLIERS

A new slip joint design which gives a wider range of openings and a joint which acid will not corrode and freeze. 15° angle—and deep milled teeth.

No. X225—8″ Battery Plier—Velco Finish—Riveted Joint	12	8
No. PA208—8″ Battery Plier—Chrome Plated Bolt Joint	6	8



VLCHEK PLIER GRIPS

INSULATING

TOUGH NON-SKID

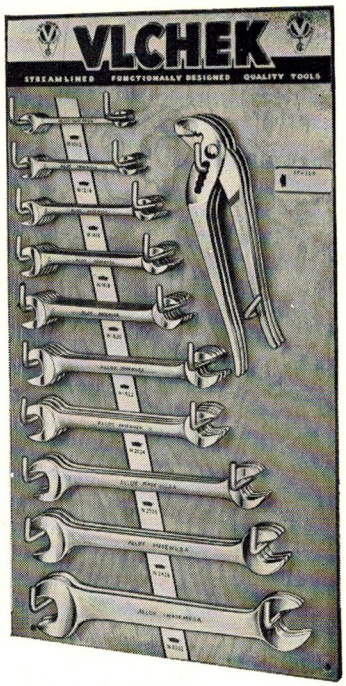
A better grip for pliers. Solid red plastic for ease of locating in tool box. Molded rings at end afford simple measurement of length desired. Each pair assembled with instructional tag.

	Std. Pkg.	Ship. Carton	Weight Each Lb. Oz.
P-300—Plier Grips—Large—5″ Long	12 pr.	144 pr.	1½
P-301—Plier Grips—Small—4⅝″ Long	12 pr.	144 pr.	1

VLCHEK Tool Displays

4 Attractive Plywood Boards 12" x 24"

Self-Servicing - Save Time - Promote Sales



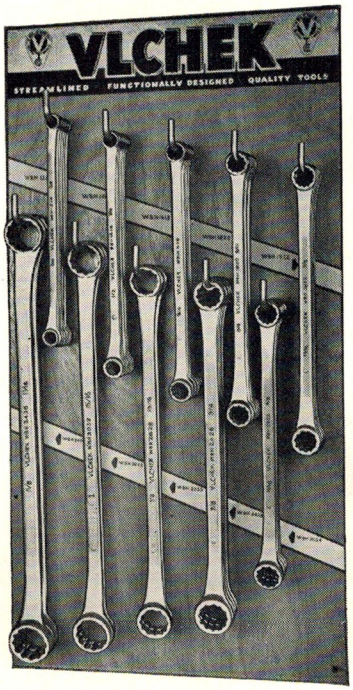
Display Board B-10

Alloy

Steel

Chrome

Plated



Display Board B-12

B10 — 49 piece Open End Wrench and Water Pump Plier Display.

6 W1012 5/16" x 3/8" Mechanics Wrenches
6 W1214 3/8" x 7/16" Mechanics Wrenches
6 W1416 7/16" x 1/2" Mechanics Wrenches
6 W1618 1/2" x 9/16" Mechanics Wrenches
6 W1820 9/16" x 5/8" Mechanics Wrenches
4 W1922 19/32" x 11/16" Mechanics Wrenches
4 W2024 5/8" x 3/4" Mechanics Wrenches
3 W2526 25/32" x 13/16" Mechanics Wrenches
3 W2428 3/4" x 7/8" Mechanics Wrenches
2 W3032 15/16" x 1" Mechanics Wrenches
3 PFH 309 9 1/2" Water Pump Pliers

B10 Assortment and Board
Weight — 18 lbs., 13 oz.

B12 — 40 piece 15° Long Box Wrench Display.

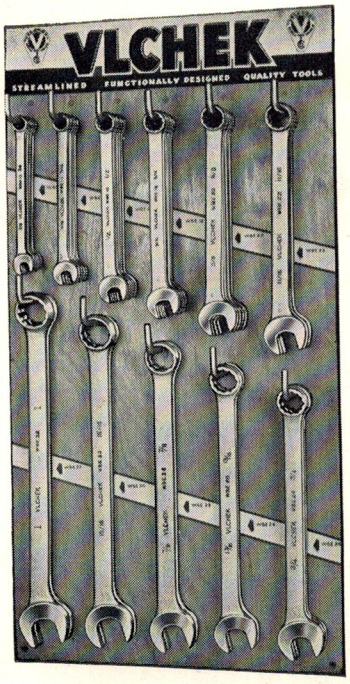
6 WBH 1214 3/8" x 7/16" Box Wrenches
6 WBH 1416 7/16" x 1/2" Box Wrenches
5 WBH 1618 1/2" x 9/16" Box Wrenches
5 WBH 1820 9/16" x 5/8" Box Wrenches
4 WBH 1922 19/32" x 11/16" Box Wrenches
4 WBH 2024 5/8" x 3/4" Box Wrenches
4 WBH 2428 3/4" x 7/8" Box Wrenches
2 WBH 2526 25/32" x 13/16" Box Wrenches
2 WBH 3032 15/16" x 1" Box Wrenches
2 WBH 3436 1 1/16" x 1 1/8" Box Wrenches

B12 Assortment and Board
Weight — 19 lbs., 14 oz.

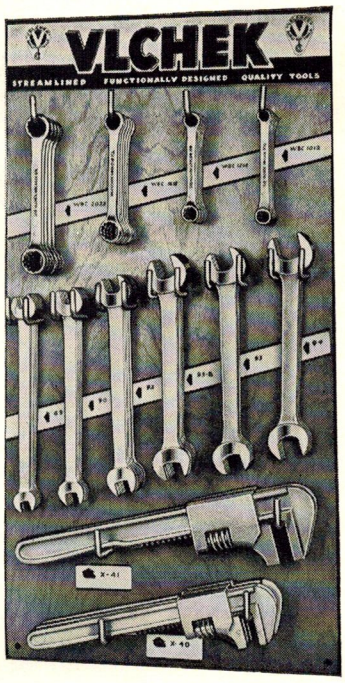
Self-Servicing — Save Time — Promote Sales

These handsome, plywood boards are a big aid in selling tools. They can be easily hung on the wall or placed on shelf or counter. They show the tools to advantage — customers can readily remove and examine the different items.

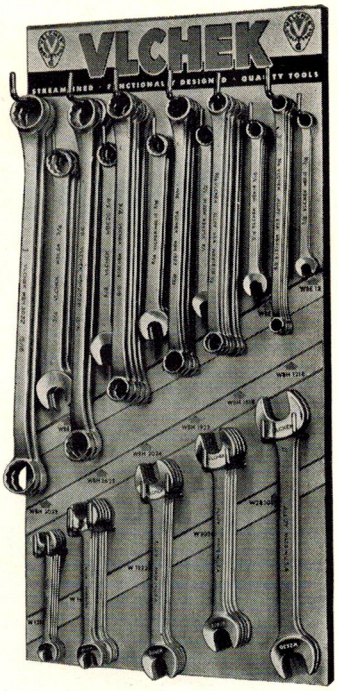
The boards are a convenient size (one foot by two feet) and are easy to handle. Sturdy steel hooks hold the tools securely. Space is left beneath the number on the label strip for the dealer to insert price, making each display board self-servicing — saving valuable time for retailer.



Display Board B-11



Display Board B-13



Display Board B14

TOOLS ARE ALLOY STEEL—CHROME PLATED

B11 — 45 piece Combination Wrench Display.

6 WBE 12 3/8″ Combination Wrenches
6 WBE 14 7/16″ Combination Wrenches
6 WBE 16 1/2″ Combination Wrenches
6 WBE 18 9/16″ Combination Wrenches
6 WBE 20 5/8″ Combination Wrenches
4 WBE 22 11/16″ Combination Wrenches
3 WBE 24 3/4″ Combination Wrenches
2 WBE 26 13/16″ Combination Wrenches
2 WBE 28 7/8″ Combination Wrenches
2 WBE 30 15/16″ Combination Wrenches
2 WBE 32 1″ Combination Wrenches

B11 Assortment and Board
Weight — 17 lbs. 10 oz.

B13 — 59 piece Tappet, Box and Auto Wrench Display.

6 No. 89 3/8″ x 7/16″ Tappet Wrenches
6 No. 90 7/16″ x 1/2″ Tappet Wrenches
6 No. 92 1/2″ x 9/16″ Tappet Wrenches
6 No. 93B 9/16″ x 5/8″ Tappet Wrenches
4 No. 93 5/8″ x 11/16″ Tappet Wrenches
3 No. 94 3/4″ x 7/8″ Tappet Wrenches
6 WBC 1012 5/16″ x 3/8″ Box Wrenches
6 WBC 1214 3/8″ x 7/16″ Box Wrenches
6 WBC 1618 1/2″ x 9/16″ Box Wrenches
5 WBC 2022 5/8″ x 11/16″ Box Wrenches
3 X40 9″ Auto Wrenches
2 X41 11″ Auto Wrenches

B13 Assortment and Board
Weight — 19 lbs. 3 oz.

B14—61 piece Box Wrench, Open End Wrench and Combination Wrench Display.

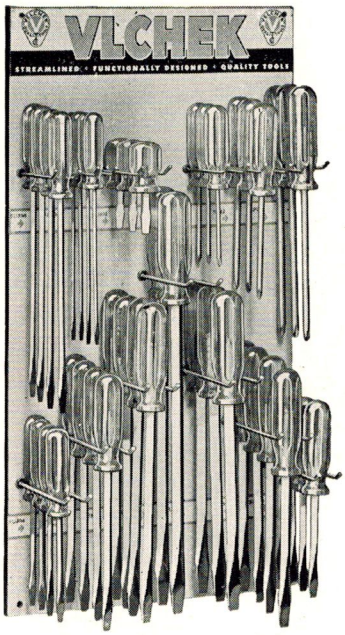
4 WBH1214 3/8″ x 7/16″ Long Box Wrenches
6 WBH1618 1/2″ x 9/16″ Long Box Wrenches
3 WBH1922 19/32″ x 11/16″ Long Box Wrenches
4 WBH2024 5/8″ x 3/4″ Long Box Wrenches
2 WBH2628 13/16″ x 7/8″ Long Box Wrenches
2 WBH3032 15/16″ x 1″ Long Box Wrenches
4 W1214 3/8″ x 7/16″ Open End Wrenches
6 W1618 1/2″ x 9/16″ Open End Wrenches
4 W1922 19/32″ x 11/16″ Open End Wrenches
4 W2024 5/8″ x 3/4″ Open End Wrenches
2 W2830 7/8″ x 15/16″ Open End Wrenches
3 WBE12 3/8″ Combination Wrenches
4 WBE14 7/16″ Combination Wrenches
4 WBE16 1/2″ Combination Wrenches
4 WBE18 9/16″ Combination Wrenches
3 WBE20 5/8″ Combination Wrenches
2 WBE24 3/4″ Combination Wrenches

B14 Assortment and Board Weight — 21 lbs. 11 oz.

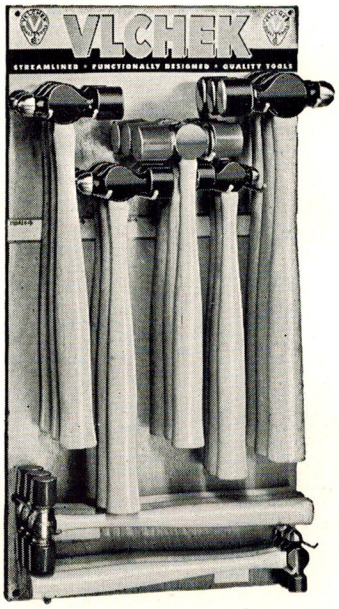
VLCHEK Tool Displays

2 Attractive New Boards 12" x 24"

Self Serving - Save Time - Promote Sales



All the essential numbers for the mechanic's selection, including three cross point screwdrivers and two new soft-faced hammers.



B15 — 45 PIECE SUPER VLCHEK SCREW DRIVER DISPLAY

Newly designed plastic handle—slow burning — tough — shock proof. High carbon steel square blades — chrome plated — polished bits. Heat treated to stand the hardest use.

4 SU206 — 1/8" x 6" Screw Driver
4 SU304 — 3/16" x 4" Screw Driver
4 SU308 — 3/16" x 8" Screw Driver
3 SU401 — 1/4" x 1 1/2" Screw Driver
4 SU404 — 1/4" x 4" Screw Driver
4 SU406 — 1/4" x 6" Screw Driver
4 SU506 — 5/16" x 6" Screw Driver
4 SU508 — 5/16" x 8" Screw Driver
3 SU608 — 3/8" x 8" Screw Driver
2 SU612 — 3/8" x 12" Screw Driver
3 SPR1—No. 1 Crosspoint Screw Driver
3 SPR2—No. 2 Crosspoint Screw Driver
3 SPR3—No. 3 Crosspoint Screw Driver

B15 Assortment and Board packed complete in carton. Weight.....17 lbs. 13 oz.

B16 — 21 PIECE VLCHEK HAMMER DISPLAY

Ball pein hammers, octagon pattern — handles of special design. Soft faced hammers have plastic striking faces. Will not mar the softest metals.

3 HB504 — 4 oz. Ball Pein Hammer
3 HB508 — 8 oz. Ball Pein Hammer
3 HB512 — 12 oz. Ball Pein Hammer
3 HB516 — 1 lb. Ball Pein Hammer
3 HB524 — 1 1/2 lb. Ball Pein Hammer
3 HM8 — 8 oz. Soft Face Hammer
3 HM16 — 1 lb. Soft Face Hammer

B16 Assortment and Board, packed complete in carton. Weight.....26 lbs. 5 oz.

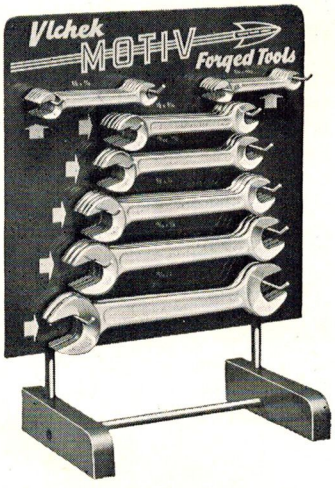
VLCHEK-MOTIV

Save Time Tool Displays

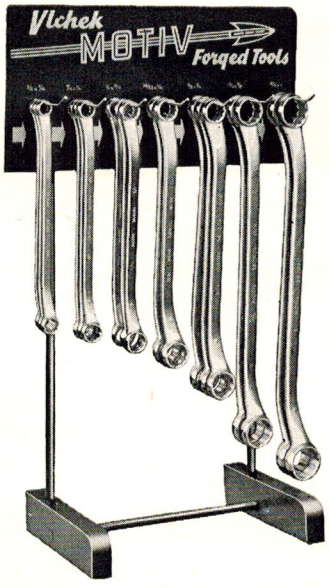
Save Space - Self Serving - Promote Sales

New Motiv chrome plated wrenches — polished faces or loops — special analysis steel. Designed and heat treated to mechanic's standards. Priced to attract the car owner — and the home tool user.

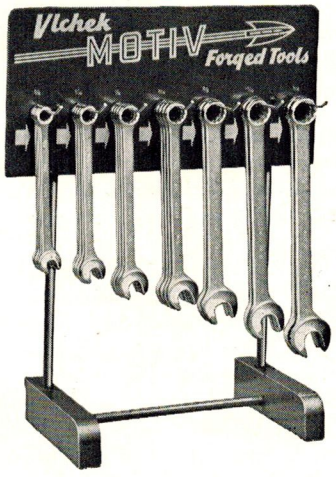
Boards are compact — can be attached to the wall or used as an easel.



B50 and B51 Display



B53 Display



B52 Display

B50 — 24 piece Motiv Heavy Duty Open End Wrench Assortment.

3 N21-A — 5/16" x 11/32" Open End Wrench
4 N723 — 3/8" x 7/16" Open End Wrench
6 N725-B — 1/2" x 9/16" Open End Wrench
3 N27 — 19/32" x 11/16" Open End Wrench
4 N729 — 5/8" x 3/4" Open End Wrench
2 N731-B — 13/16" x 7/8" Open End Wrench
2 N33-C — 15/16" x 1" Open End Wrench

B50 Assortment and Board. Packed complete in carton. Weight — 7 lbs. 8 oz.

B51 — 30 piece Motiv Panel Bar Open End Wrench Assortment.

6 7021-A — 5/16" x 11/32" Open End Wrench
6 7723 — 3/8" x 7/16" Open End Wrench
6 7725-B — 1/2" x 9/16" Open End Wrench
3 7027 — 19/32" x 11/16" Open End Wrench
4 7729 — 5/8" x 3/4" Open End Wrench
3 7731-B — 13/16" x 7/8" Open End Wrench
2 7033-C — 15/16" x 1" Open End Wrench

B51 Assortment and Board packed complete in carton. Weight — 6 lbs. 14 oz.

B52 — 22 piece Motiv Combination Wrench Assortment.

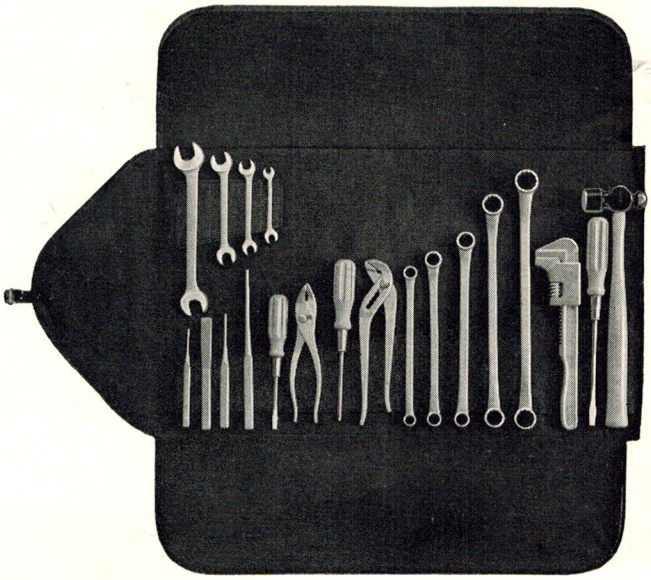
4 X12 — 3/8" Combination Wrench
4 X14 — 7/16" Combination Wrench
4 X16 — 1/2" Combination Wrench
4 X18 — 9/16" Combination Wrench
2 X20 — 5/8" Combination Wrench
2 X22 — 11/16" Combination Wrench
2 X24 — 3/4" Combination Wrench

B52 Assortment and Board packed complete in carton. Weight — 5 lbs. 5 oz.

B53 — 18 piece Motiv Box Wrench Assortment.

3 XB1214 — 3/8" x 7/16" Box Wrench
3 XB1416 — 7/16" x 1/2" Box Wrench
3 XB1618 — 1/2" x 9/16" Box Wrench
2 XB1922 — 19/32" x 11/16" Box Wrench
3 XB2024 — 5/8" x 3/4" Box Wrench
2 XB2628 — 13/16" x 7/8" Box Wrench
2 XB3032 — 15/16" x 1" Box Wrench

B53 Assortment and Board packed complete in carton. Weight — 8 lbs.



No. 4050
LARGE DE LUXE TOOL SET

A complete assortment of high quality tools—for mechanics use in servicing and repairing marine, aeronautical, automotive and agricultural motors and equipment. Open end and box wrenches are of alloy steel. All tools are in our best finish and the leatherette case is of heavy lined material. Wrench openings are selected to cover all American Standard coarse and fine thread screws and nuts within their range. Set consists of 20 pieces as listed below.

No. HB512—12 oz. Ball Pein Hammer
No. X41—11″ Auto Wrench
No. WBH1618— 1/2″— 9/16″—15° Box Wrench
No. WBH1922—19/32″— 11/16″—15° Box Wrench
No. WBH2024— 5/8″— 3/4″—15° Box Wrench
No. WBH2628—13/16″— 7/8″—15° Box Wrench
No. WBH3032—15/16″—1″ —15° Box Wrench
No. W1012—5/16″ — 3/8″ Open End Wrench
No. W1416—7/16″ — 1/2″ Open End Wrench
No. W1820—9/16″ — 5/8″ Open End Wrench
No. W2428—3/4″ — 7/8″ Open End Wrench
No. SPD2—Phillips No. 2 Screw Driver
No. SD103—3″ Screw Driver
No. SD106—6″ Screw Driver
No. PR308—8″ Combination Plier
No. PFH309—9 1/2″ Heavy Duty Pump Plier
No. X751—5/8″ Cold Chisel
No. X772—1/8″ Pin Punch
No. X775—3/16″ Pin Punch
No. X791—3/16″ Long Taper Punch
No. CA4050—Leatherette Case

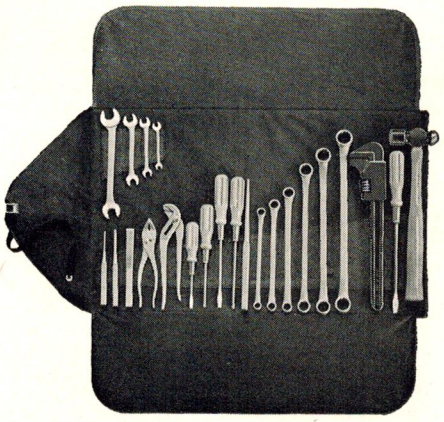
No. 4050—Large De Luxe Tool Set..... Weight Complete 9 Lbs., 7 Oz.

LARGE STANDARD TOOL SET

Contains the same general assortment as the large Deluxe Set except that carbon steel tools replace alloy steel tools and on same tools a lower finish is supplied. A lighter leatherette is used in case. This set consists of 20 pieces as listed below.

No. X163—12 oz. Ball Pein Hammer
No. WA611—11″ Auto Wrench
No. X541— 1/2″ — 9/16″ — 45° Box Wrench
No. X542— 5/8″ — 11/16″ — 45° Box Wrench
No. X543— 3/4″ — 25/32″ — 45° Box Wrench
No. X544—13/16″ — 7/8″ — 45° Box Wrench
No. X545—15/16″ — 1″ — 45° Box Wrench
No. 5021A—5/16″ —11/16″ Open End Wrench
No. 5723—3/8″ — 7/16″ Open End Wrench
No. 5725B—1/2″ — 9/16″ Open End Wrench
No. 5729—5/8″ — 3/4″ Open End Wrench
No. SPD2—Phillips No. 2 Screw Driver
No. SL204—4″ Screw Driver
No. SS306—6″ Screw Driver
No. PR208—8″ Combination Plier
No. X275—9 1/2″ Water Pump Plier
No. X851—5/8″ Cold Chisel
No. X872—1/8″ Pin Punch
No. X875—3/16″ Pin Punch
No. X891—3/16″ Long Taper Punch
No. CB4060—Leatherette Case

No. 4060—Large Standard Tool Set..... Weight Complete 9 Lbs., 7 Oz.

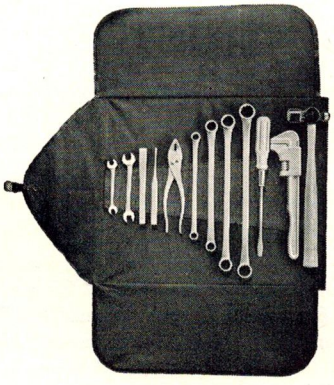


No. 4056
HEAVY DUTY TOOL SET

Heavy tools of good quality — in durable leatherette case. Selected in weight and openings for mechanics' work on large equipment—and particularly adapted to heavy agricultural use. This set contains tools as listed below—23 pieces.

No. X165—1½ Lb. Ball Pein Hammer
No. WA615—15″ Auto Wrench
No. WBH1618— ½″— 9/16″—15° Box Wrench
No. WBH1922—19/32″— 11/16″—15° Box Wrench
No. WBH2024— ⅝″— ¾″—15° Box Wrench
No. WBH2628—13/16″— ⅞″—15° Box Wrench
No. WBH3032—15/16″—1″ —15° Box Wrench
No. WBH3436—1 1/16″—1⅛″ —15° Box Wrench
No. W1012—5/16″ — ⅜″ Open End Wrench
No. W1416—7/16″ — ½″ Open End Wrench
No. W1820—9/16″ — ⅝″ Open End Wrench
No. W2428—¾″ — ⅞″ Open End Wrench
No. SPD2—Phillips No. 2 Screw Driver
No. SPD3—Phillips No. 3 Screw Driver
No. SD103—3″ Screw Driver
No. SD106—6″ Screw Driver
No. SD108—8″ Screw Driver
No. PFH309—9½″ Heavy Duty Pump Plier
No. PR308—8″ Combination Plier
No. X752—¾″ Cold Chisel
No. X792—¼″ Long Taper Punch
No. X775—3/16″ Pin Punch
No. X778—5/16″ Pin Punch
No. CA4056—Leatherette Case

No. 4056—Heavy Duty Tool Set..... Weight Complete 14 Lbs., 7 Oz



No. 4051
HOME MECHANIC'S DE LUXE SET

A few fine tools for the home shop man or the mechanic who is working on light machines. Open end and box wrenches are alloy steel and all tools are well finished—Case is of heavy leatherette. 12 Pieces.

No. HB512—12 Oz. Ball Pein Hammer
No. X41—11″ Auto Wrench
No. WBH1618— ½″— 9/16″—15° Box Wrench
No. WBH2024— ⅝″— ¾″—15° Box Wrench
No. WBH2628—13/16″— ⅞″—15° Box Wrench
No. WBH3032—15/16″—1″ —15° Box Wrench
No. PR308—8″ Combination Plier
No. SD106—6″ Screw Driver
No. W1214—⅜″—7/16″ Open End Wrench
No. W1618—½″—9/16″ Open End Wrench
No. X751—⅝″ Cold Chisel
No. X775—3/16″ Pin Punch
No. CA4051—Leatherette Case

No. 4051—Home Mechanic's De Luxe Set..... Weight Complete 6 lbs., 9 oz.

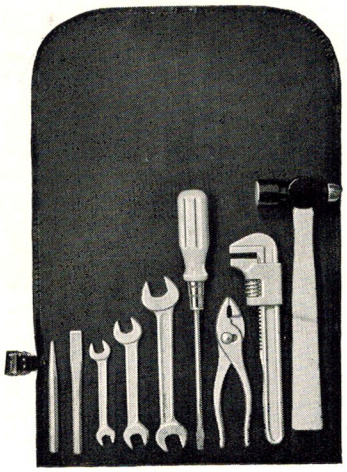
No. 4061 HOME MECHANIC'S STANDARD SET

Same assortment as Deluxe set above—but all tools are carbon steel and are not as highly finished. Case is of lighter material.

No. X163—12 Oz. Ball Pein Hammer
No. WA611—11″ Auto Wrench
No. X541— ½″ — 9/16″ — 45° Box Wrench
No. X542— ⅝″ —11/16″ — 45° Box Wrench
No. X543— ¾″ —25/32″ — 45° Box Wrench
No. X544—13/16″ — ⅞″ — 45° Box Wrench
No. PR208—8″ Combination Plier
No. SL206—6″ Screw Driver
No. 5723—⅜″ — 7/16″ — Open End Wrench
No. 5725B—½″ — 9/16″ — Open End Wrench
No. X851—⅝″ Cold Chisel
No. X875 — 3/16″ Pin Punch
No. CB4061—Leatherette Case

No. 4061—Home Mechanic's Standard Set..... Weight Complete 6 Lbs.. 9 Oz

UTILITY TOOL SETS



Competitive sets of wide utility and serviceable quality in pocket cases of brown duck with web strap. Furnished in 9 and 7 piece sets in Velco and natural finish. Hammer is semi-finished in Velco set and Screw driver is standard pattern and finish in all sets.

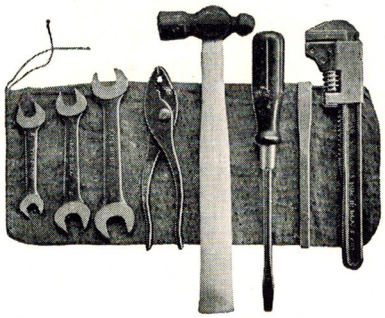
No. X51—12 Oz. Ball Pein Hammer
No. SL206—6″ Screw Driver
No. X40—9″ Auto Wrench
No. PR206—6″ Combination Pliers
No. X750—½″ Stock Standard Cold Chisel
No. 5723—⅜″ — 7/16″ Open End Wrench
No. 5725B—½″ — 9/16″ Open End Wrench
No. 5729—⅝″ — ¾″ Open End Wrench
No. X783—3/16″ Stock Standard Solid Punch
9 Pocket Duck Case

No. 4065—9-piece Utility Set—Velco finish .....
No. 4075—9-piece Utility Set—Natural finish ..... Weight Each 3 lbs., 4 oz.

No. X50—10 Oz. Ball Pein Hammer
No. SL204 — 4″ Screw Driver
No. X40—9″ Auto Wrench
No. PR206—6″ Combination Plier
No. 5723—⅜″ — 7/16″ Open End Wrench
No. 5725B—½″ — 9/16″ Open End Wrench
No. X750—½″ Stock Standard Cold Chisel
7 Pocket Duck Case

No. 4066—7-piece Utility Set—Velco finish.....
No. 4076—7-piece Utility Set—Natural finish..... Weight Each 2 lbs., 10 oz.

LEADER TOOL SETS



No. 2111 Set

No. 1980—5-pc. Tool Set, consists of:

9″ Auto Wrench, Natural Finish.
3½″ Round Shank Screw Driver, Natural Finish.
6″ Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
½″ Standard Cold Chisel, Natural Finish.
No. 3161 Draw String Bag.
Weight Each 2 lbs., 6 oz.

No. 2109—6-pc. Tool Set, consists of:

9″ Auto Wrench, Natural Finish.
3½″ Round Shank Screw Driver, Natural Finish.
6″ Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
½″ Standard Cold Chisel, Natural Finish.
No. 25 Unfinished Tempered Wrench.
No. 3161 Draw String Bag.
Weight Each 2 lbs., 8 oz.

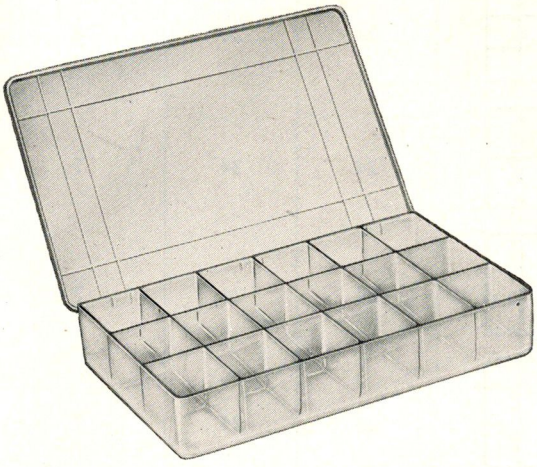
No. 2110—7-pc. Tool Set, consists of:

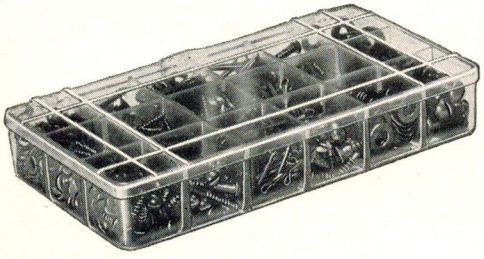
9″ Auto Wrench, Natural Finish.
3½″ Round Shank Screw Driver, Natural Finish.
6″ Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
½″ Standard Cold Chisel, Natural Finish.
No. 23 Unfinished Tempered Wrench.
No. 27 Unfinished Tempered Wrench.
No. 3161 Draw String Bag.
Weight Each 2 lbs., 11 oz.

No. 2111—8-pc. Tool Set (Illustrated), consists of:

9″ Auto Wrench, Natural Finish.
5″ Round Shank Screw Driver, Natural Finish.
6″ Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
½″ Standard Cold Chisel, Natural Finish.
No. 23 Unfinished Tempered Wrench.
No. 25 Unfinished Tempered Wrench.
No 27 Unfinished Tempered Wrench.
No. 3161 Draw String Bag.
Weight Each 2 lbs., 15 oz.

STOCK PLASTIC BOXES by VLCHEK





They sell on sight

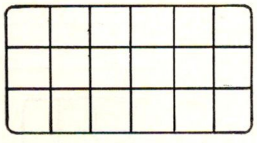
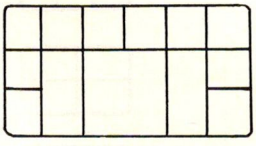
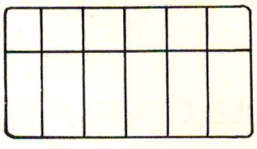
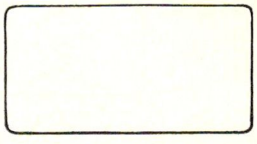
These beautiful crystal-clear, rigid plastic boxes will increase your sales. Used for holding fishing tackle, buttons, thread, costume jewelry, office supplies, nuts, bolts and many other items. New buyers find new uses every day.

Molded of clear polystyrene, a light hard plastic which retains its polish well.

Sold over the counter from coast to coast — a fine promoter of impulse sales.

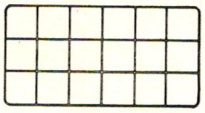
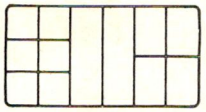
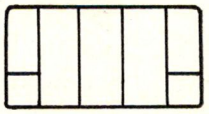
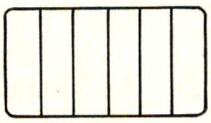
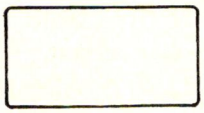
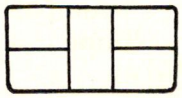
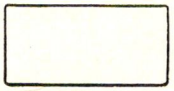
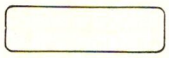
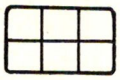
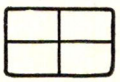
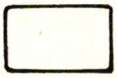
Also sold for packaging purposes to many manufacturers and jobbers who find that their own products sell better when packaged in these attractive containers.

Seven standard sizes in many different compartment arrangements offered in stock line.

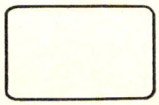
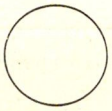
Number	Size	Compartments	Arrangement	Standard Package	Shipping Carton	Weight Each Lb.	Weight Each Oz.
P618	10¾ - 6.4 - 1¾	18		10	10	1	1
P613	10¾ - 6.4 - 1¾	13		10	10	1	1
P612	10¾ - 6.4 - 1¾	12		10	10	1	1
P601	10¾ - 6.4 - 1¾	1		10	10	1	

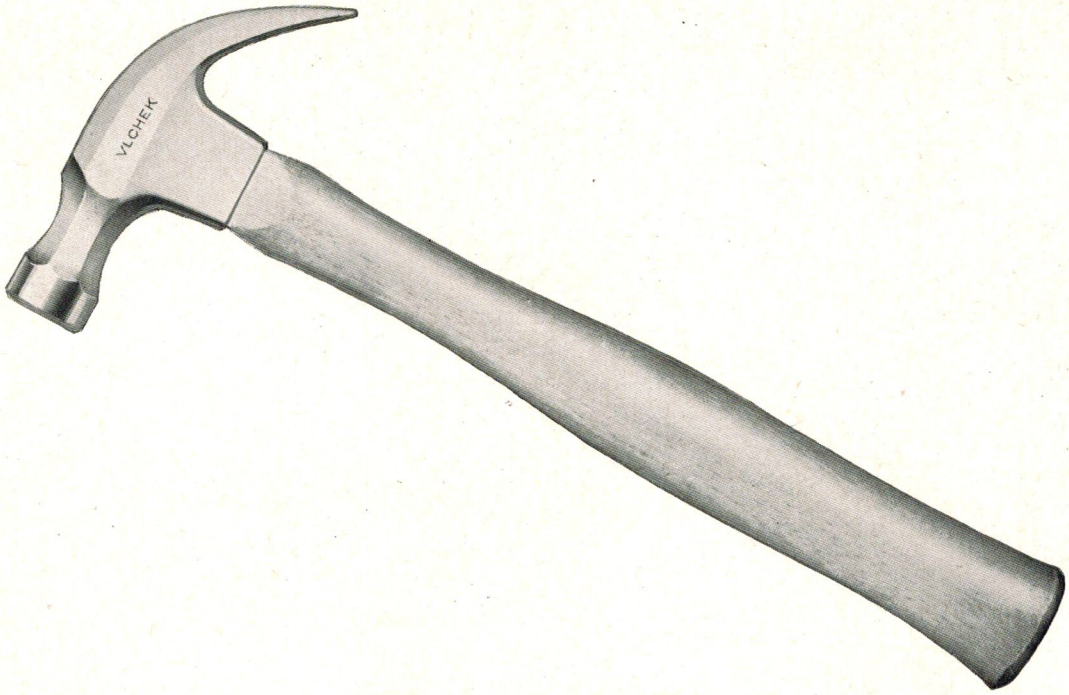
Additional Sizes and Arrangements — Reverse Side of Page

VLCHEK PLASTIC BOXES — Continued

Number	Size	Compart-ments	Arrangement	Standard Package	Shipping Carton	Weight Each Lb. Oz.
P200	8¼ - 4¼ - 1¼	18		24	24	8
P201	8¼ - 4¼ - 1¼	12		24	24	7
P202	8¼ - 4¼ - 1¼	7		24	24	7
P203	8¼ - 4¼ - 1¼	6		24	24	7
P206	8¼ - 4¼ - 1¼	1		24	24	6
P210	7 - 3½ - 1 3/16	9		36	36	5
P212	7 - 3½ - 1 3/16	5		36	36	5
P216	7 - 3½ - 1 3/16	1		36	36	4
P701	7 - 2 - 1	1		36	36	3
P220	4½ - 2¾ - 1	6		36	36	4
P221	4½ - 2¾ - 1	4		36	36	4
P226	4½ - 2¾ - 1	1		36	36	3

REMOVABLE COVER — NOT HINGED

P250	6¼ - 4 - 1⅝	1		36	36	3½
P01	4 5/16 Dia. - ¾	1		72	72	1



VLCHEK CLAW HAMMER

Attractive Octagon Neck Design

Precision forged from controlled analysis steel — specially heat treated. Accurately beveled face and sharp finely drawn claws which will pull the smallest finishing nail. Assembled with selected hickory handles — firmly wedged.

Nail hammers offered in two sizes — 16 ounce and 13 ounce heads — also available in Ripping hammer design in 16 ounce head only.

Polished face, poll, claw and sides. Octagon neck and unpolished parts aluminum enameled.

In appearance and quality — a value far beyond its costs.

Catalog Number	Nominal Head Weight	Length Overall	Pattern	Standard Package	Weight Per Standard Package Lbs.
HC716	16 oz.	13″	Nail	6	8.64
HC713	13 oz.	13″	Nail	6	6.77
HR716	16 oz.	13″	Ripping	6	8.64

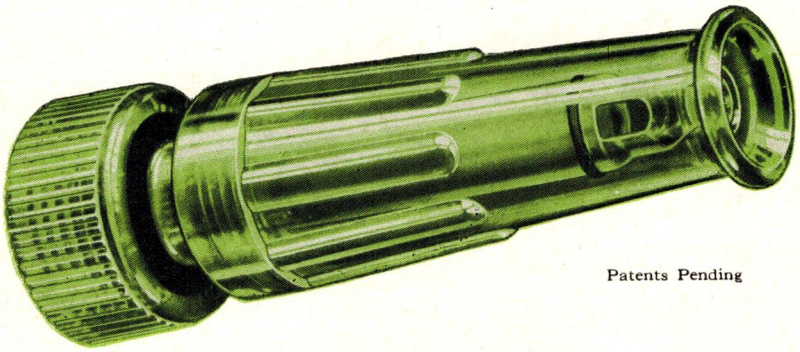
STANDARD CLAW HAMMERS

A good grade octagon neck claw hammer — similar in design to our Vlchek brand — but furnished in black enameled finish with polished face — select handle.

X167	16 oz.	13″	Nail	Bulk	1.38
X168	13 oz.	13″	Nail	Bulk	1.06

VLCHEK QUALITY PLASTICS

New TRANS-FLO HOSE NOZZLE by VLCHEK



Patents Pending

THE TRANS-FLO — A BETTER NOZZLE

Developed after long research—and proven by extensive tests—this TRANS-FLO nozzle offers many advantages:

1. Leak-proof.
2. Light in weight.
3. Fast Adjustment. (1½ Turns).
4. Durable. (molded of tough Tenite II).
5. Modern, streamlined design.
6. Fully adjustable. (Spray to heavy stream).
7. Fits standard hose connections.
8. Transparent, green plastic. (Looks well with either green or red hose).

Not a substitute but a definite improvement over any other nozzle on the market today.

WHY IT CAN NOT LEAK

A ring of high grade synthetic rubber is held under compression and forms an inner seal that assures a leak-proof nozzle.

PROVEN BY TESTS

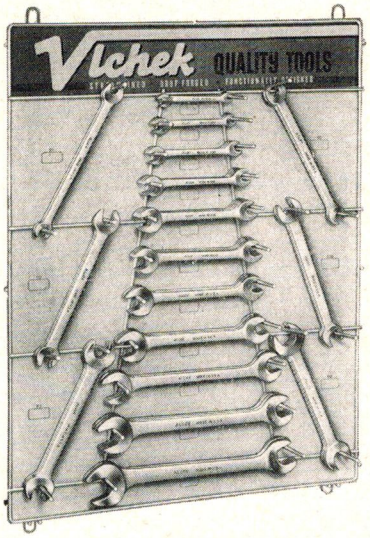
Extensive laboratory tests prove that this nozzle will withstand 500 lbs. of water pressure. Through the use of a special testing machine the nozzle mechanism was opened and closed over 42,000 times without evidence of leakage or appreciable wear. This test is the equivalent of more than 15 years of normal service. The Trans-Flo nozzle is injection molded from special Tenite II plastic which will withstand temperature variations of a wider range than will be encountered in the entire country. (This is the same material as used in our Super Vlchek plastic handled screw driver). This durable but attractive material, together with skillful engineering, combine to assure the user of satisfactory service.

Catalog Number		Standard Package	Shipping Carton	Shipping Weight Carton Lbs.	Oz.
H 100	Plastic Hose Nozzle	12	72	8	8

New VLCHEK Tool Displays

5 Attractive Display Racks 18″ x 24″

Self-Servicing — Self-Pricing
Self-Selling



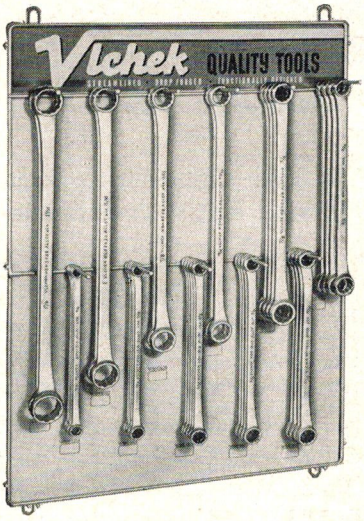
Display Board B-20

B20 — 60 piece Open End Wrench and Tappet Wrench Display.

4	W0810	1/4″ x 5/16″	Mechanics Wrenches
4	W1012	5/16″ x 3/8″	Mechanics Wrenches
5	W1214	3/8″ x 7/16″	Mechanics Wrenches
5	W1416	7/16″ x 1/2″	Mechanics Wrenches
6	W1618	1/2″ x 9/16″	Mechanics Wrenches
5	W1820	9/16″ x 5/8″	Mechanics Wrenches
3	W1922	19/32″ x 11/16″	Mechanics Wrenches
3	W2024	5/8″ x 3/4″	Mechanics Wrenches
2	W2526	25/32″ x 13/16″	Mechanics Wrenches
3	W2428	3/4″ x 7/8″	Mechanics Wrenches
2	W3032	15/16″ x 1″	Mechanics Wrenches
3	No. 89	3/8″ x 7/16″	Tappet Wrenches
3	No. 90	7/16″ x 1/2″	Tappet Wrenches
3	No. 92	1/2″ x 9/16″	Tappet Wrenches
3	No. 93-B	9/16″ x 5/8″	Tappet Wrenches
3	No. 93	5/8″ x 11/16″	Tappet Wrenches
3	No. 94	3/4″ x 7/8″	Tappet Wrenches

B20 Assortment and Display Rack
Weight — 18.50 lbs.

Alloy Steel Chrome Plated



Display Board B-21

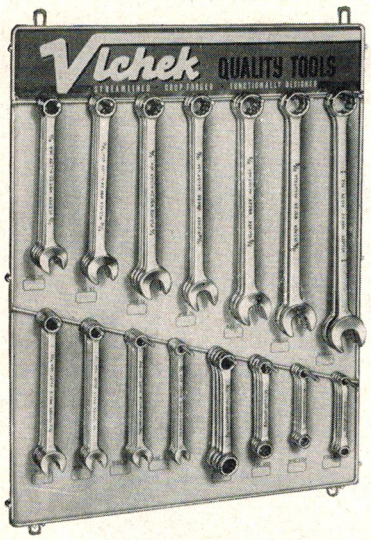
B21 — 37 piece 15° Long Box Wrench Display.

4	WBH 1214	3/8″ x 7/16″	Box Wrenches
4	WBH 1416	7/16″ x 1/2″	Box Wrenches
5	WBH 1618	1/2″ x 9/16″	Box Wrenches
4	WBH 1820	9/16″ x 5/8″	Box Wrenches
4	WBH 1922	19/32″ x 11/16″	Box Wrenches
4	WBH 2024	5/8″ x 3/4″	Box Wrenches
4	WBH 2428	3/4″ x 7/8″	Box Wrenches
2	WBH 2526	25/32″ x 13/16″	Box Wrenches
2	WBH 2628	13/16″ x 7/8″	Box Wrenches
2	WBH 3032	15/16″ x 1″	Box Wrenches
2	WBH 3436	1 1/16″ x 1 1/8″	Box Wrenches

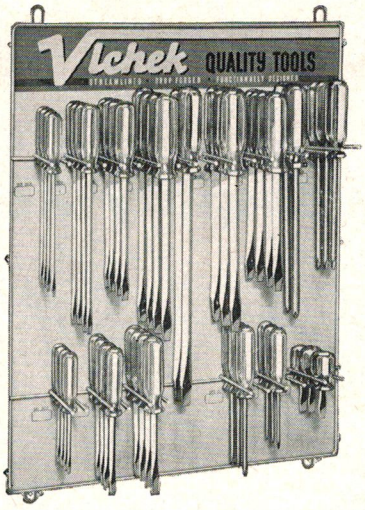
B21 Assortment and Display Rack
Weight — 19.50 lbs.

Self-Servicing — Self-Pricing — Self-Selling

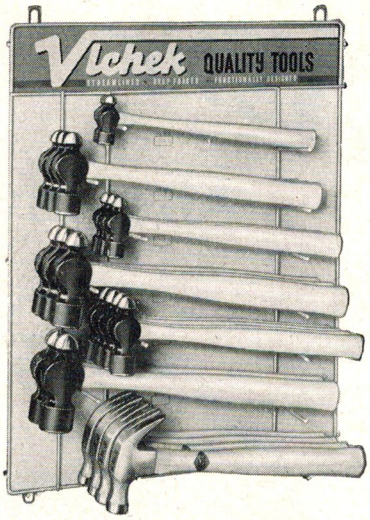
These attractive displays require no assembly. Packed ready to hang on the wall and place tools on the hooks. Beside each tool is an indicator for legible pricing. Customers see clearly what each tool costs. Sales are made direct from display without referring to counter catalog for price. Saves time in making sales — promotes impulse buying. These displays are 18″ x 24″ overall and matching in size most standard displays available to the jobber.



Display Board B-22



Display Board B-23



Display Board B-24

B22 — 63 piece Combination Wrench and 10° Short Box Wrench Display.

6 WBE 12 3/8″ Combination Wrenches
6 WBE 14 7/16″ Combination Wrenches
6 WBE 16 1/2″ Combination Wrenches
6 WBE 18 9/16″ Combination Wrenches
5 WBE 20 5/8″ Combination Wrenches
4 WBE 22 11/16″ Combination Wrenches
4 WBE 24 3/4″ Combination Wrenches
3 WBE 26 13/16″ Combination Wrenches
3 WBE 28 7/8″ Combination Wrenches
2 WBE 30 15/16″ Combination Wrenches
2 WBE 32 1″ Combination Wrenches
4 WBC 1012 5/16″ x 3/8″ Box Wrenches
4 WBC 1214 3/8″ x 7/16″ Box Wrenches
4 WBC 1618 1/2″ x 9/16″ Box Wrenches
4 WBC 2022 5/8″ x 11/16″ Box Wrenches

B22 Assortment and Display Rack
Weight — 19 lbs.

B23 — 51 piece Super Vlchek Screw Driver Display.

4 SU 203 1/8″ x 3″ Screw Drivers
4 SU 206 1/8″ x 6″ Screw Drivers
4 SU 304 3/16″ x 4″ Screw Drivers
4 SU 308 3/16″ x 8″ Screw Drivers
3 SU 401 1/4″ x 1 1/2″ Screw Drivers
4 SU 404 1/4″ x 4″ Screw Drivers
4 SU 406 1/4″ x 6″ Screw Drivers
4 SU 506 5/16″ x 6″ Screw Drivers
4 SU 508 5/16″ x 8″ Screw Drivers
3 SU 608 3/8″ x 8″ Screw Drivers
2 SU 612 3/8″ x 12″ Screw Drivers
3 SPR 1 No. 1 Phillips Screw Drivers
3 SPR 2 No. 2 Phillips Screw Drivers
3 SPR 3 No. 3 Phillips Screw Drivers
2 SPR 4 No. 4 Phillips Screw Drivers

B23 Assortment and Display Rack
Weight — 19 lbs.

B24 — 22 piece Ball Pein and Claw Hammer Display

3 HB 504 4 oz. Ball Pein Hammer
3 HB 508 8 oz. Ball Pein Hammer
4 HB 512 12 oz. Ball Pein Hammer
3 HB 516 1 lb. Ball Pein Hammer
3 HB 524 1 1/2 lb. Ball Pein Hammer
2 HB 532 2 lb. Ball Pein Hammer
4 HC 716 1 lb. Claw Hammer

B24 Assortment and Display Rack
Weight — 37 lbs.

GUARANTEE

EVERY VLCHEK TOOL is properly designed, carefully manufactured, and subjected to a rigid inspection before leaving our factory.

We guarantee that every Vlchek tool is serviceable and free from defects, and will give all the service that should be expected from any fine tool.

Any Vlchek tool found defective will, when returned to our factory, be cheerfully replaced free of charge.

THE VLCHEK TOOL COMPANY
CLEVELAND, OHIO, U. S. A.
CABLE ADDRESS - "VLCHEK" - CLEVELAND

VLCHEK
GUARANTEED TOOLS

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